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WEED ABSTRACTS

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NOTES FOR READERS

Weed Abstracts endeavours to provide a comprehensive coverage of the world's literature on weeds, weed control and closely allied subjects. To this end, over 370 journals and nearly 100 annual reports are regularly searched. Other journals, reports, bulletins, etc. are abstracted as they are seen. Additional coverage is obtained through agreements with other abstracting organizations.

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As far as possible the journal abbreviations used are those given in the World List of Scientific Periodicals. Holding library symbols are also taken from the World List, e.g. O.BO = Botany Department, Oxford. Numbers at the end of abstracts, e.g. 75(492) are for internal use only.

When a paper is by more than one author, the address of the first author only is given.

Where an abstract is taken from an abstracting journal the acknowledgement follows the abstract, e.g. Herb. Abstr. 2:163. Where it is quoted only in part the acknowledgement is preceded by the word "from", e.g. From Biol. Abstr. 2:294.

The Information Section is always pleased to receive comments and suggestions for the improvement of Weed Abstracts.

* An asterisk before the author's name indicates that only the title of the paper has been seen.

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ac	- acre(s)	in.	- inch(es)	p.s.i.	- pounds per square in.
a.e.	- acid equivalent	kg	- kilogram(s)	v/v	- volume/volume
a.i.	- active ingredient	l	- litre(s)	w/v	- weight/volume
cm	- centimetre(s)	lb	- pound(s)	w/w	- weight/weight
d.b.h.	- diameter at breast height	m	- metre(s)	$\geq$	- greater than
		ml	- millilitre(s)	$\leq$	- less than
ft	- foot (feet)	oz	- ounce(s)	#	- pounds per acre
g	- gram(s)	post-em.	- post-emergence	$\pm$	- with or without
gal	- gallon(s)	pre-em.	- pre-emergence		
ha	- hectare(s)	p.p.m.	- parts per million		

Language abbreviations: an initial capital denotes the language of the article, a small letter that of the summary:- Dan. - Danish, Du. - Dutch, E. - English, F. - French, G. - German, It. - Italian, Jap. - Japanese, Nor. - Norwegian, Russ. - Russian, Span. - Spanish, Sw. - Swedish.

SPECIES INDEX

Where the herbicide was applied only as a mixture the abstract number is preceded by an 'M', where it was applied alone as well as a mixture 'M' follows the number of the abstract.

The following trade names are used in addition to those printed in Weed Abstracts Volume 10:

Dacthal	=	dimethyl-2,3,5,6-tetrachloroterephthalate
Dicryl	=	N-(3,4-dichlorophenyl)methacrylamide
Karsil	=	N-(3,4-dichlorophenyl)-2-methylpentanamide
Solan	=	N-(3-chloro-4-methylphenyl)-2-methylpentanamide
Zytron	=	O-(2,4-dichlorophenyl)-O-methylisopropylphosphoro-amidothioate.

Crops other than ornamentals and trees are cross-referenced under their English common names. The common name placed after the scientific name indicates that the species in question is a crop and where the scientific name only is given, that it is a weed.

Abaca spp. (crop) - 558.
Abies spp. (firs) - 1555,1687.
Abutilon theophrasti - 577,579.
Acacia spp. - 125.
Acacia spp. (wattle) - 689,1685.
Acacia aulacocarpa - 306.
Acacia binervata - 309.
Acacia complanata - 306.
Acacia cunninghamii - 306,309.
Acacia dealbata - 309.
Acacia discolor - 309.
Acacia falcata - 309.
Acacia farnesiana - 1085.
Acacia georginae - 887.
Acacia gerardii - 728.
Acacia harpophylla - 307.
Acacia karoo - 728.
Acacia mollissima - 309.
Acacia mytrifolia - 309.
Acacia nigrescens - 728.
Acacia nilotica ssp. subalata - 728.
Acacia suaveolens - 309.
Acacia spectabilis - 309.
Acalypha spp. (crop) - 1555.
Acanthopanax spp. (crop) - 1558.
Acanthospermum hispidum - 911,1723.
Acer spp. (crop) - 1687.
Acer spp. - 1713.
Acer macrophyllum - 1428.
Acer negundo (box elder) - 1391.
Acer negundo - 126.
Acer platanoides (Norway maple) - 1687.
Acer rubrum (crop) - 521.
Acer rubrum - 521,522,1083.
Achillea spp. (yarrows) - 1555.
Achillea millefolium - atrazine 1584; 2,4-D 451,906,989; fenoprop 1673; MCPA 989; MCPB 989; mecoprop 1673; 2,4,5-T 989.
Achillea ptarmica - 989.
Aconitum septentionale - 989.
Acorus calamus - 1435.
Adenostoma fasciculatum - biology 1142; competition 891; weed control, burning 899,1089; 2,4-D 1712M; 2,4,5-T M1712.
Aegopodium podagraria - amitrole 859,1687; atrazine 1584; 2,4-D 451; dalapon 859; 2,6-dichlorobenzonitrile 148; MCPA 451; simazine 148; 2,4,5-T 451; TCA 859.
Aeschynomene sensitiva - 437.
Aesculus spp. (horse chestnut buckeye) - 510,1687.
Aethusa cynapium - 752.
Agave spp. (sisal) - 689,1559,1683.
Ageratum spp. (crop) - 1555.
Ageratum conyzoides - 861.
Agropyron spp. (crop) - 454,1627.
Agropyron cristatum (crested wheatgrass) - 1090.
Agropyron cristatum - 1068.
Agropyron dasystachyum - 1386.
Agropyron desertorum (crop) - 456,868,870, 1091.
Agropyron intermedium (crop) - 456.
Agropyron intermedium - 1691.
Agropyron repens - general 314,1717; biology 110,128,276,1504,1564,1689; competition 817; poisoning 994; weed control 280,314; cultural 129,133,733; chemical 806; amitrole M33,75,M129, M130,132M,133,316M,492,494,M857,859, 1055M,1093,1098,1395,1622,1677,1687, M1734; ammonium thiocyanate M129,M132, M316,M1055; arsenicals 1093; atrazine 58,434,M857,859,1055M,1093,1584; chlorpropham 1053; 2,4-D M33,M316,989, 1098,1622; dalapon M33,75,79,129,M130, 131,133,134,169,185,229,470,494,599, 657,859,903,1055,1093,1425,1546,1604, 1622,1677,1715,M1734; 2,6-dichlorobenzonitrile 148; dinoseb M24,M132,859,989; diquat dibromide M130,M132; diuron 494,M857, 1063M,1093,1622; DNOC 989; EPTC 1093, 315 erbon 1715; fenac M857,1050,1093; fenuron 1093; inorganics 665,859,989,M1083,1388, 1715M; MCPA 989,M1715; MCPB 989; MH 229;

Agropyron repens (Contd.)
monuron 674,859M,M1083,1093,1715; neburon 859; oils 665,859,989; paraquat M130; PCP M132,1053,1395; propazine 58; simazine 11, 58,434,494,674,857,859,934,1053,1055,1622, M1734; 2,4,5- T M516,1053; 2,3,6-TBA 1093; TCA M24,34,129,133,134,229,315,859,903, 1053,1093,1604,1622,1647,1715; triazines 570; others 755,859,919,989,M1083,1647.
Agropyron scabrum - 199.
Agropyron spicata (crop) - 454.
Agrostemma githago - biology 1417,1564,1765; ecology 1417; seeds 706; 2,4-D 1029; DNOC 1029; MCPA 1029; MCPB 1029; mecoprop 1029;
Agrostis spp. (bentgrass) - arsenicals 479, 1050; Dacthal 479,1050; fenac 479; inorganics 479; mecoprop 1673; Zytron 479, 673,1050; others 479,576,1050.
Agrostis spp. - amitrole 40,M857; arsenicals 40; atrazine M857; 2,4-D M36; dalapon M36, M37,38,40,459,839; diuron M857; fenac M857; simazine 857,M1728; triazines M1728; Zytron 1673.
Agrostis alba - 1062,1600.
Agrostis gigantea - 129,131,314.
Agrostis spica-venti - 1584.
Agrostis stolonifera - general 314; weed control 29,314; amitrole M33; atrazine 74; 2,4-D M33; dalapon M33,73,131,1661; 2,4-DES 74; simazine 74.
Agrostis tenuis or gigantea (New Zealand Browntop) - general 655; biology/ecology 283,284; weed control 655; amitrole 49; 2,4-D 989; dalapon 49; dinoseb 49; endothal 49; MCPA 989; MCPB 989; mecoprop 989; MH 49; monuron 49.
Agrostis tenuis - 39,1062,1661.
Ajuga spp. (crop) - 1555.
Ajuga reptans - 1584.
Alchemilla spp. - 655.
Alchemilla vulgaris - 989.
Aleurites spp. (crop) - 81.
Algae - general 407; ecology 293; poisoning 116,893; copper sulphate 1707; endothal 583.
Alhagi camelorum - 994.
Alisma spp. - 122,123.
Alisma lanceolatum - 220.
Alisma plantago-aquatica - seeds 220; dalapon 120,1703M,1705; fenoprop 1703M; fenuron 1703; MCPA 1366; mecoprop 438; simazine 1705; sodium chlorate 1705; TCA 1703.
Allium spp. (crop) - 290.
Allium spp. - 1611.
Allium ascalonicum (shallots) - 1543,1604.
Allium canadense - 714.
Allium cepa (onions) - biology 792; weed control, cultural 462,466; chemical 255, 815,1394,1543; allyl alcohol 63; amiben 463,1040; atrazine 55,1668; BiPC M1664; CDAA 246,252,253,463,992,1040,1666M,1667, 1668; CDEA 463; CDEC 246,253,463,1549M, 1667,1668; chlorpropham 252,462M,463,466, 1040,1389,M1549,1665,1666M,1668; 2,4-D 989, 1668; Dacthal 1668; dalapon 252,253; 2,4-DB 252; 2,4-DEP 1668; 2,4-DES 1389; 2,6-dichlorobenzonitrile 148,1040,1668; Dicryl 1549; dinoseb 462,989,1549,1668; diuron 253,1040,1668; DNOC 462,989; endothal 581,1668; EPTC 252,463,1668; fenac 463; inorganics 989,1388,1547; Karsil 1549; MCPA 989; MCPB 252,989; monuron 251, 252,253,M462,1040,1668; neburon 252, 253,1389; oils 989,1042; OMU 251,M1664; potassium cyanate 462; propazine 55; simazine 55,463,1040; 2,4,5-TB 252; TCA 1042,1668; triazines 55,463,1040, 1668; Zytron 1040,1668; others 252,577, 755,989,1040,1042,1549,M1666,1668.
Allium fistulosum (spring onions) - 818.
Allium porrum (leek) - general 1545; weed control, cultural 1663; chemical 1543,1548; BiPC M1664; 2,4-D 989; 2,6-dichlorobenzonitrile 148; dinoseb 989; DNOC 989; inorganics 989,1547; MCPA 989; MCPB 989; oils 989; OMU M1664; potassium cyanate 989; others 989.
Allium sativum(garlic) - 715,1043.
Allium ursinum - 319.
Allium vineale - general 104,734; seeds 714; weed control 319,1204; 2,4-D 451; MCPA 451.
Alnus spp. (alders) - 1391,1405,1687.
Alnus spp. - 1032,1713.
Alnus fruticosa - 44.
Alnus incana - 989.
Alopecurus myosuroides - competition 817; seeds 1069; atrazine 1623; calcium cyanamide 317,533,1610; dalapon 533; di-allate 3; propham 1610; simazine 13, 14,533,1610,1623; TCA 533,1610.
Alopecurus pratensis - 494.
Alternanthera sessilis - 1363.
Alyssum spp. (crop) - 1555.
Amaranthus spp. - competition 641; weed control, chemical 1040; amiben M1370; atrazine 640M,1125; BiPC M831; CDEC 1669; chlorpropham 252,M1370; dalapon M1198; 2,4-DB M1198; dinoseb 1019M; diuron 1019; naptalam M1370; OMU M831; simazine 640M, 1125; TCA 1019M,M1198; Zytron 1549; others 1669.
Amaranthus albus - 150,494,507.
Amaranthus ascendens - 58.
Amaranthus graecizans - 1072.
Amaranthus hybridus - 1369.
Amaranthus palmeri - 850.
Amaranthus retroflexus - biology 1072; seeds 405,706,1149; allyl alcohol 421; amiben 463,833,1017,1027,1202,1644; arsenicals M1376; atrazine 1584; CDAA 440M,463,1014,1202; CDEA 463; CDEC 443, 463,1202; chlorpropham 440,463; 2,4-D 150,439; Dacthal 1202; dalapon M460; 2,4-DB M460; Dicryl M1376; dinoseb 439, 440M,443; diquat dibromide 1622; endothal 225; EPTC 225,463,833,1001, 1202,1613,1615; fenac 463; MCPA M1622; MCPB 439M,1622M; naptalam 440; neburon 1202; PCP 443,1653; simazine 439,463, 934,1202; SMDC 421; Solan 579,1202; triazines 439,463,570,1001; Zytron 1202; others 421,439,575,577,1622.
Amaranthus spinosus - 1668.

Ambrosia spp. - 872,1370,1668.
Ambrosia artemisiifolia - general 873; biology 874,875,886; seeds 706; amiben 1017,1202; CDAA 440M,1202; CDEC 443,1202; chlorpropham 440; 2,4-D M1729; Dacthal 1202; Dicryl 1714; dinoseb 440M,443,1714; EPTC 1202; inorganics 1729M; MCPB 1714; mecoprop 1714; naptalam 440; neburon 1202; PCP 443; simazine 263, 1202; Solan 579, 1202,1714; Zytron 1202; others 577.
Ambrosia coronopifolia - 873,875.
Ambrosia psilostachya - 886.
Ambrosia trifida - general 873; biology 874, 875,886,1072.
Amelanchier alnifolia - 1083.
Amorpha fruticosa - 1067.
Ampelamus albidus - 1091.
Anacharis spp. - 124.
Anagallis arvensis - 58,570,817,1584.
Anagallis parviflora - 1029.
Ananus comosus (pineapple) - biology 957, 1597; atrazine 267; CDAA 267; CDEA 267; CDEC 267; dalapon 267,689; diuron 267; monuron 267; oils M267; PCP M267; simazine 267; TCA 267; others 565,575.
Anaphalis margaritacea - 1724.
Anchusa spp. (anchusa) - 1391.
Androsace sarmentosa - 1392.
Anemone spp. (crop) - 67,68,1046.
Angelica spp. (angelica) - 65.
Angophora bakeri - 304.
Angophora cordiformis - 309.
Angophora costata - 304,309.
Angophora floribunda - 309.
Anthemis spp. (crop) - 1555.
Anthemis spp. - 16.
Anthemis arvensis - 1029,1727.
Anthemis cotula - 461,706,1029,1727.
Anthoxanthum odoratum - competition 1565; weed control 29,35; amitrole M40; arsenicals M40; dalapon 38,39,M40.
Anthriscus spp. - 44.
Anthriscus sylvestris - 989.
Antirrhinum spp. (crop) - 1555.
Apera spica-venti - 1617.
Aphanes arvensis - 704.
Apium graveolens dulce (celery) - weed control, cultural 1663; chemical 54,1543; allyl alcohol 63; BiPC M1664; CDAA 464M; CDEC 464M; chlorpropham 59,M60; 2,4-DB 1666; Dicryl 1666; Karsil 464M; MCPB 1666; monuron 59; neburon 59; OMU M1664; PCP M60; propazine 58; Solan 579,1666.
Apium graveolens rapaceum (celeriac) - 60, 148,1604.
Apium leptophyllum - 561.
Apium nodiflorum - 119,120,199.
Apple - see Malus spp.
Apricot - see Prunus armeniaca.
Aquilegia spp. (crop) - 1555.
Arachis hypogaea (groundnuts, peanuts) - atrazine 1668; CDAA 1668; CDEC 1668; chlorpropham 232,1668; 2,4-D 231,1653, 1668; Dacthal 1668; 2,4-DB 231,1563; 2,4-DEP 1668; 2,6-dichlorobenzonitrile 1456; diuron 1668; endothal 581; EPTC 1668; MCPA 231; MCPB 231,1563; monuron 1563,1668; PCP 1653; prometon 1668; propham 232,1563; TCA 1563,1668; triazines 1668; Zytron 1668; others 577,755,919,1668.
Arbutus menziesi - 1429.
Arceuthobium spp. - 717,718,719.
Arceuthobium americanum - biology/ecology - 720,721,751,882,1224,1323; seeds 751; weed control 751.
Arceuthobium campylopodium - biology/ecology - 720,721,751,880,1224; seeds 751.
Arceuthobium chinensi - 1224.
Arceuthobium douglasii - 751,882,1224,1225.
Arceuthobium minutissimum - 882,1224.
Arceuthobium oxycedri - 1224.
Arceuthobium pusillum - 882,1224.
Arceuthobium vaginatum - biology/ecology - 716,751,880,881,1224; seeds 751; weed control 751.
Archangelica spp. - 44.
Arctostaphylos pungens - 520.
Arctostaphylos uva-ursi - 1083.
Arctotis leiocarpa - 912.
Arenaria spp. - 494,1584.
Argemone mexicana - 348,425,861.
Aristida leptopoda - 332.
Aronia spp. (chokeberry) - 1391.
Arrhenatherum elatius - 249,314,461,1584.
Artemisia spp. (crop) - 870.
Artemisia spp. - 44,494.
Artemisia absinthum - 1091,1566,1584,1689.
Artemisia campestris - 1584.
Artemisia filifolia - 1239.
Artemisia tridentata - biology 1218; ecology 1217,1218; 2,4-D 457,1197,1386.
Artemisia verlotorum - 570.
Artemisia vulgaris - 1029,1584.
Asclepias spp. - 316.
Asclepias syriaca - 443,1091,1729.
Asparagus spp. - 1584.
Asparagus officinalis (asparagus) - weed control, chemical 1543; amitrole 1040M; ammonium thiocyanate M1040; atrazine 1550; BiPC M1664; CDEC 246; chlorpropham 1550M; dalapon M1040,1550; diuron 1054,1550; monuron 60,666,1054,1550M; OMU M1664; PCP 60,1550M; simazine 60,1550M; 2,3,6-TBA 1040; TCA 1550; others 577.
Asphodelus fistulosus - 461.
Aspidium filix-mas - 1062.
Aspidium spinulosum - 1062.
Aspilia asperifolia - 425.
Aster spp. (asters) - 476,1555.
Astragalus sinicus - 1694.
Athyrium filix-femina - 1062.
Atriplex spp. - 831,1072,1532.
Atriplex confertifolia (crop) - 870.
Atriplex hastata - 220,251.
Atriplex nuttallii (saltsage) - 870.
Atriplex patula - competition 817; weed control, cultural 830; atrazine 74,1584; BiPC M20; 2,4-D 1029,M1729; 2,4-DES 74; DNOC 1029; endothal 20M; inorganics 1729M; MCPA 1029; MCPB 1029; mecoprop 1029; OMU M20; propham M20; simazine 74,830; triazines 570.
Attalea exigua - 1580.
Avena spp. - 1499,1627.

Avena barbata - 817.
Avena fatua - general 723,752,821,1624; biology/ecology 1564,1718; seeds 396,707, 817,902,1069,1070,1071,1516,1519,1582; weed control, cultural 1433; chemical 1626; amiben 19; amitrole 27; atrazine 17,19,27, 1092; barban 3,4,5,6,7,8,19,433,531,532, 833,M901,999,1001,1003M,1092,M1251,1625; BiPC M27,M251,M442,M831; CDAA 432,531,832; CDEC 432; chlorpropham 17M,M27,832,1003; 2,4-D 901M; dalapon 19M,442,832,1001; di-allate 3,4,9,10,27,433,531,532,651,832, 920,999,1003,1092,1251,1718; 2,6-dichlorobenzonitrile 1003,1092; dinoseb M19,27; diuron M27; endothal 27,832,1001,1092; EPTC 27,531,532,651,832,1001,1003,1092, 1519; fenac 19,27,1003; fenuron M17,27M; MCPA M901,1003M,M1251; MCPB M19,M901; MH 19,27; monuron 251; neburon 27; OMU M27, M251,M442,M831; propazine 27; propham 17M, 19,27M,832,1092,1251,1371,1529,1531,1718; simazine 13,14,17,27,531,1092; TCA 442, 832,1002,1371,1718; triazines 27,570,1092; 1625; Zytron 1092; others 19,27,531,573,574, 575,577,584,755,832,1092,1772,1781.
Avena ludoviciana - biology/ecology 1718; seeds 707,817; barban 3,6,1718; di-allate 3,1718; propham 1718; TCA 1718.
Avena sativa (oats) - general 723; biology/ ecology 273,294,1564; competition 430,635, 1618,1620; seeds 1069; weed control 1520, 1668; amitrole 541,592M,638; atrazine 830, 1003,1125,1584; barban 635,1003,1626; CDAA 432,1003,1626; CDEC 432,1626; 2,4-D 214,215, 989,1182; dalapon 592M; 2,4-DB 1003,1622; 2,6-dichlorobenzonitrile 1455,1456; dinoseb 989; diuron 1003; DNOC 215,819,989; endothal 581; EPTC 1092; fenoprop 592M,1622; inorganics 989; MCPA 214,215,541,989,M1003, 1359,1622; MCPB 989,1003,1622; mecoprop 541; 989,1003,1622,1628; naptalam 1753; oils 989; potassium cyanate 989; prometon 1003; propazine 1003; simazine 777,830,1003,1125; 2,3,6-TBA 541,M1003,1622; TCA 1096; triazines 1003; others 574,577,989,1626.
Axonopus affinis (crop) - 576.
Axonopus affinis - 453.
Axonopus compressus - 863.
Axyris amaranthoides - 1090.
Azalea spp. (crop) - 476,1391.
Azolla caroliniana - 437.
Azolla filiculoides - 514.

Baccharis halimifolia - 311.
Baldellia ranunculoides - 220.
Bambusa arundinacea - 530.
Bambusa multiplex - 530.
Bambusa textilis - 530.
Bambusa tulda - 530.
Bambusa vulgaris - 530.
Banana - see Musa sapientum.
Banksia asplenifolia - 309.
Banksia ericifolia - 309.
Banksia integrifolia - 309.
Banksia marginata - 309.
Banksia paludosa - 309.
Banksia serrata - 309.
Banksia spinulosa - 309.
Barley - see Hordeum vulgare.
Bean, broad - see Vicia faba.
Bean, field - see Vicia faba.
Bean, castor - see Ricinus communis.
Bean, French - see Phaseolus vulgaris.
Bean, Kidney - see Phaseolus vulgaris.
Bean, lima - see Phaseolus lunatus.
Bean, runner - see Phaseolus multiflorus.
Bean, snap - see Phaseolus spp.
Bean, velvet - see Stizolobium sp.
Beans (miscellaneous) - CDEC 246,247; chlorpropham M60,1144; 2,4-D 1144; di-allate 1092; 2,6-dichlorobenzonitrile 1092; dinoseb 247; diquat dibromide M60; endothal 1092; EPTC 246,247,1092; OMU 251; propham 1092; others 755,1144.
Beet, fodder - see Beta vulgaris.
Beet, garden or red - see Beta vulgaris.
Beets - see Beta spp.
Begonia spp. (crop) - 978.
Bellis perennis - 451,1540,1584.
Bentgrass - see Agrostis spp.
Berberis spp. (crop) - 1391,1555,1584.
Berberis spp. - 1430.
Berberis vulgaris - 1729.
Bermuda grass - see Cynodon dactylon.
Berteroa incana - 1149.
Berula erecta - 1232.
Beta spp. (beets) - amiben 463; atrazine 55; calcium cyanamide 1610; CDAA 463; CDEA 463; CDEC 463; chlorpropham 463; endothal 581; EPTC 463; fenac 463; propazine 55; simazine 55,463; TCA 315; triazines 55,463; others 577.
Beta vulgaris (fodder beet) - 903.
Beta vulgaris (garden or red beet) - chemical control 255,1543; amiben 1040; barban 1040; CDEC 246,250,1040,1667; chlorpropham 60; dalapon 250,1040; endothal M174, 1040; EPTC 246,250,1040; inorganics M250, 1547; MCPB 250; monuron 251; neburon 1040; OMU 251; propazine 60; propham M174; simazine 60,1525; TCA 250,1040; others 250,575,919.
Beta vulgaris (sugar beet) - biology/ecology 1417; competition 1620; weed control, cultural 224; chemical 224,228,606,1283,1521,1741,1742; atrazine 830,1584; barban 532,760,999, 1626; BiPC M20,M274,M442,M831,1466, M1664; $CaCN_2$ 1645; CDAA 832,1001; CDEC 174,M226,226M,227,1666; chlorpropham M226,832,1626; dalapon 442,832,903,968, 1001,1145,1373,1643,1644M; DCU 832,1001; di-allate 3,10,532,651,832,999,1001, 1092,1627,1640; 2,6-dichlorobenzonitrile 148,1092,1456; diuron 212,226; endothal 20M,21M,M174,M176,212,225,226,227,M441, 652,832,1001,1092,M1178,1373,1640,1643, 1644M,1666; EPTC 212,225,226,227,532, 651,832,1001,1092,1373,1519,1643,1644M. fenuron trichloroacetate 226; inorganics

Beta vulgaris vulgaris (sugar beet) -(contd.) 22,1372; monuron 226,1466; oils M20; OMU M274,M442,M831,M1664; propham M20,M21, M174,M176,441M,832,1001,1092,1529,1640; simazine 830; TCA 174,442,832,903,1001, 1002,M1178,1373,M1626,1643,1644M; others 226,584,919,941,1626,1781.
Beta vulgaris - 884.
Betula spp. (birches) - 510,1405,1406.
Betula spp. - 1235.
Betula verrucosa - 989.
Bidens spp. - 641.
Bidens connata - 263.
Bidens pilosa - 505.
Bidens vulgata - 579.
Bifora spp. - 1029.
Blackberry - see Rubus spp.
Bluegrass - see Poa pratensis or compressa.
Bothriochloa decipiens - 48.
Brachiaria plantaginea - 1016,1039.
Brachypodium distachyon - 1216.
Brachypodium pinnatum - 570.
Brachypodium sylvaticum - 1062.
Brasenia schreberi - 1704.
Brassica spp. (brassicas general) - general 1545; BiPC M1664; monochloroacetate 992; OMU M1664; propazine 1665; TCA 315.
Brassica spp. - 577.
Brassica campestris or hirta (field or white mustard) - atrazine 1584; CDAA 1001; di-allate 920,1092; 2,6-dichlorobenzonitrile 1092,1456; endothal 1092; EPTC 1001,1092; propham 1092; others 573,577, 584.
Brassica campestris - 989.
Brassica caulorapa (kohlrabi) - 1663.
Brassica juncea (crop) - 1655.
Brassica kaber var. pinnatifida (crop) - 1603.
Brassica kaber var. pinnatifida - 1622.
Brassica napus (rape,colza) - weed control, cultural 446; amiben 1644; atrazine 1584; barban 531,1003; CDAA 531; CDEC 446M,1644; chlorpropham 446M,1001; 2,4-D 1090M; dalapon 533,903,1539; di-allate 10,531, 1003,1627; diquat dibromide 1644; diuron 1644; EPTC 446,531,1003,1092,1644; fenuron M1001; inorganics 446; MCPA M1090; propham 1001; simazine 531; 2,3,6-TBA M1090,1644; TCA 533,903,M1001,1610; triazines 1644; Zytron 1001; others 446, 531,756,M1090.
Brassica nigra - 706.
Brassica oleracea acephala (common kale) - competition 817; weed control, cultural 447,1663; amiben 463,1644; amitrole 163, M447,592M; atrazine 830; CDAA 174,463; CDEA 463; CDEC 174,463; chlorpropham 463; dalapon 163,M447,592M; di-allate 3; 2,6-dichlorobenzonitrile 1456; diquat dibromide 23; EPTC 174,463; fenac 463; fenoprop 592M; monochloracetate 447; PCP 23; simazine 463,830; triazines 463,1644; others 575,1644.
Brassica oleracea (cabbage) - general 767; weed control, cultural 1663; chemical 54, 1543,1668; amiben 1040; atrazine 55; calcium cyanamide 989; CDAA 1667; CDEC 246, 850,1667; chlorpropham 61,850M; 2,4-D 989; Dacthal 1555; 2,6-dichlorobenzonitrile 148; dinoseb 989; DNOC 989; EPTC 246,850; inorganics 989; MCPA 989; MCPB 989; neburon 850; oils 850,989; potassium cyanate 989; propazine 55; propham 61; simazine 55,61; TCA 61,850; triazines 55, 850M; others 577,850,1040.
Brassica oleracea botrytis (cauliflower) - weed control, cultural 1663; chemical 1394; CDAA 1667; CDEC 246,1667; ethyl-di-n-butyl-thiolcarbamate 575.
Brassica oleracea fruticosa or Brassica napobrassica (collards) - 575.
Brassica oleracea gemmifera (Brussels sprouts)- 1663.
Brassica oleracea italica (broccoli) - 575, 767.
Brassica pekinensis (Chinese cabbage) - 54, 1668.
Brassica rapa (turnip) - weed control, cultural 447; amiben 463;1644; amitrole M447; CDAA 174,463; CDEA 463; CDEC 174,463; chlorpropham 463; dalapon M447,903; diquat dibromide 23; EPTC 463; fenac 463; monochloroacetate 447; OMU 23; PCP 472; simazine 463; TCA 903; triazines 463,1644; trichlorobenzoic acid 1644.
Brassica rapa - 579.
Brassica tournefortii - 214,461.
Briquetia denudata - 1074.
Broccoli - see Brassica oleracea var. italica.
Bromus spp. (brome grass) - 871.
Bromus catharticus - 240.
Bromus inermis (crop) - competition 239; barban M1003; 2,4-D 1090; 2,4-DB 1090M; di-allate 920,1627; MCPA M1003,1090; MCPB 1090M.
Bromus mollis - 41,240,1661.
Bromus rigidus - 316.
Bromus secalinus - 166,706.
Bromus tectorum - biology 1691; competition 456,868; ecology 868,870; weed control 633,1656; barban 1003.
Brunellia vulgaris - 451,1029.
Brussels sprouts - see Brassica oleracea var. gemmifera.
Buckweat - see Fagopyrum esculentum.
Bupleurum rotundifolium - 1149.
Bursaria spinosa - 309.
Butomus umbellatus - 120,438,1704.
Buxus spp. (crop) - 757.
Buxus sempervirens (crop) - 1584.

Cabbage - see Brassica oleracea.
Cabomba aquatica - 124.
Cabomba caroliniana - 1704.
Cajanus cajan (dhal) - 1456.
Caladium bicolor - 686.
Calamagrostis arundinacea - 1062,1406.
Calamagrostis epigeios - 1062,1406.
Calamagrostis villosa - 1062,1406.

Calendula arvensis - 1029.
Callicarpa spp. (crop) - 1558.
Callitriche spp. - weed control 1232; acrolein 122; 2,4-D 122,123; dalapon 120; fenoprop 1704.
Callitriche stagnalis - 1706.
Callitriche verna - 514.
Callitris glauca - 309.
Calluna spp. - 1032.
Calluna vulgaris - 37,989,1062,1406.
Caltha palustris - 2,4-D 1029,1380M; dalapon 120,1705; inorganics 1705; MCPA 1029, 1380; simazine 1705; 2,4,5-T M1380.
Calystegia sepium - 542.
Camelina spp. - 277,1689.
Canavalia ensiformis (jack bean) - 1044,1571, 1572.
Cannabis sativa (hemp marijuana) - 150,1584.
Cantaloupes - see Cucumis melo.
Capsella bursa-pastoris - general 561; seeds 706; amitrole 1687; atrazine 1584; BiPC M251,M831; calcium cyanamide 989; chlorpropham M16; 2,4-D 989,1090; 2,4-DB 1090M; dinoseb 989,1532; diuron M16; DNOC 989,1532; inorganics 989; MCPA 989,1090M;MCPB 1090M; monuron 674;oils 989;OMU M251;M831;potassium cyanate 989; simazine 674; Solan 579; triazines 570.
Capsicum spp. (crop) - 577,1667,1668.
Capsicum frutescens (chilli) - 1376.
Caragana spp. - 1083.
Cardamine pratensis - 451,1540.
Cardamine tricocarpa - 269.
Cardaria draba - general 905,994; poisoning 994; seeds 461,1149; amitrole 316M,1099M; ammonium thiocyanate M316,M1099; borates 593; 2,4-D 150,905,1634; gibberellic acid 1149; PCP M1099; 2,3,6-TBA 1099.
Cardaria pubescens - 994,1717.
Carduus spp. - 660,1181.
Carduus nutans - 322,548,1192.
Carduus pycnocephalus - 461,994.
Carduus tenuiflorus - 994.
Carex spp. - atrazine 1584; 2,4-D 539,1380M, 1383; dalapon 39,120,539,M1574,1661; 2,4-DB 539; MCPA 539,1380,1382; MCPB 539; 2,4,5-T M1380; 2,3,6-TBA 539; 2,2,3-trichloropropionate M1574.
Carex brizoides - 1062.
Carex pendula - 891.
Carex pseudocyperus - 120.
Carex riparia - 891.
Carex rostrata - 471.
Carpinus spp. (hornbeam) - 1687.
Carpet grass - see Axonopus compressus.
Carrot - see Daucus carota.
Carthamus lanatus - 571.
Carthamus tinctorius (safflower) - barban 999; carbamates 573; di-allate 10,999; 2,5-dichloro-3-nitrobenzoic acid 999; diuron 212; endothal 212; EPTC 212,1613,1615.
Carya spp. - biology/ecology 510; weed control 522; 2,4-D 897M,M1238; diuron 525; fenuron 525; monuron 525; 2,4,5-T 897M,1238M.
Cassia tora (crop) - 243.
Cassia tora - 1376.
Cassinia aculeata - 571.
Castanea spp. (crop) - 489.
Casuarina distyla - 309.
Casuarina littoralis - 309.
Casuarina luehmanni - 309,310.
Casuarina torulosa - 309.
Caucalis lappula - 704.
Cauliflower - see Brassica oleracea var. botrytis.
Ceanothus cuneatus - 899.
Ceanothus gregii - 520.
Celeriac - see Apium graveolens var. mapaceum.
Celery - see Apium graveolens var. dulce.
Celtis spp. (crop) - 488,510.
Cenchrus spp. - 576,1039.
Cenchrus echinatus - 218.
Cenchrus pauciflorus - 494,994.
Centaurea cyanus - general 1619; biology/ecology 1546; atrazine 1584; BiPC M831; chlorpropham 59; 2,4-D 1029; 2,4-DES 59; DNOC 1029; MCPA 1029; MCPB 1029; mecoprop 1029; monuron 59; neburon 59; OMU M831.
Centaurea diffusa - 1030.
Centaurea jacea - 451.
Centaurea pratensis - 1029.
Centaurea repens - 356,994,1519.
Centaurea solstitialis - 994.
Centella uniflora - 199.
Cerastium arvense - 1584.
Cerastium glomeratum - 253.
Cerastium viscosum - 1553.
Cerastium vulgatum - 579,1050,1673.
Ceratophyllum spp. - 582.
Ceratophyllum demersum - 1704.
Chamaedaphne calyculata - 1425.
Chamaepeuce afra - 199.
Chara spp. - 122.
Cheiranthus spp. (crop) - 66.
Chelidonium majus - 59.
Chenopodium spp. - 640,1410,1642.
Chenopodium album - biology/ecology 1564; competition 817; seeds 505,507,1516; weed control, cultural 79; allyl alcohol 146; amiben 833,1017,1202,1644; amitrole 1644; atrazine 434,1584; barban 1003; BiPC M20,M251,M445,M831; calcium cyanamide 989; CDAA 440M,445,1014,1202; CDEC 445, 1202; chlorpropham 79M,253,440,445; 2,4-D 11,808,989,1003,1090M,1633,1634,1714, M1729; Dacthal 1202; dalapon M460,M1649; 2,4-DB 240,M460,1090M,1434; 2,4-DES 79M; di-allate 1627; Dicryl 1714; dinoseb 56, 79,440M,989,M1649; diquat dibromide 1622; diuron 265,1649; DNOC 989,1532,1533,1633; endothal 20M,M21,225; EPTC 225,445,833, 1202,1613,1615; fenuron 79M; inorganics 818,989,1388,1729M; Karsil 1714; MCPA 11, 808,989,1003,1090M,1434,M1622,1644; MCPB 439M,808,989,1090M,1622M; mecoprop 808, 989,1003,1533,1714; monochloroacetate 439M; monuron 265,674; naptalam 440; neburon 1202; oils 265,989; OMU M20,M251,M445, M831; PCP 265; potassium cyanate 989; propham M20,M21; simazine 11,434,674,1009, 1202,1633,1646,1649; Solan 579,1202,1666, 1714; 2,4,5-T 808; 2,3,6-TBA M1090,1644; TCA 445; triazines 570,1649; Zytron 1202; others 265,577,M1090,1622.

Chenopodium hybridum - 1584.
Chenopodium murale - 1434.
Chenopodium pumilio - 439,463,1434.
Chenopodium rubrum - 1410.
Chenopodium strictum - 1072.
Cherry - see Prunus cerasus.
Chicory - see Cichorium intybus.
Chinese cabbage - see Brassica pekinensis.
Chloris barbata - 1363.
Chondrilla juncea - general 1438; biology/ecology 346; weed control 335,337,555; biological 866; amitrole 336; 4-CPA 335; 2,4-D 216,333,334,335,336,555,593,1439; 2,4-DB 240,333; inorganics 334,336,555,593, 1439; MCPA 333,334,335,336,1439; MCPB 333, 336; monuron 336,555; propazine 249; simazine 336; 2,4,5-T 335; others 336.
Chrysanthemum spp. (Chrysanthemum) - general 767; allyl alcohol 1047; amiben 1047; chlorpropham 472,1047; 2,4-DEP 1047; 2,4-DES M1047; diuron 475,M1047; DMTT 1047; fenac 1047; methyl bromide 1047; monuron 472,1047; propham 472; simazine 66,472; SMDC 1047; triazines 1047; Zytron 1047; others 576,1047.
Chrysanthemum coccineum (pyrethrum) - 689, 1551.
Chrysanthemum leucanthemum - 451,461,1584.
Chrysanthemum maximum (shasta daisy)-1391, 1555.
Chrysanthemum parthenium (crop) - 1555.
Chrysanthemum segetum - 1103.
Cichorium endiva (endive) - weed control, chemical 54,1543,1668; chlorpropham 60, 1546; neburon 60.
Cichorium intybus (chicory) - 60,1543,1547.
Cichorium intybus - 1673,1729.
Cirsium spp. - general 663,1619; chlorpropham 253; 2,4-D 808; DNOC 1634; inorganics 1388; MCPA 808; MCPB 808; mecoprop 808; 2,4,5-T 808.
Cirsium arvense - general 102,994,1717; poisoning 994; seeds 461; weed control 549; cultural 549,550,733,1253; chemical 549; amitrole M33,316M,326,551,859, 1097M,1253,1311,1687,1715M,1761; ammonium thiocyanate M316,M1097,M1715; atrazine 434,1584,1728; 2,4-D M33,326, 434,451,550,551,989M,1097,1253,1633,1715, 1729; dalapon M33,859; 2,4-DB 32,551,1097, 1715,1716; dinoseb 989; diquat dibromide 1622; DNOC 989,1533,1633; fenac 1715; inorganics M859,989,1729; MCPA 31,32,434, 451,551,989,1097,M1622,1716; MCPB 32,551, 989,1097,1622M,1715,1716; mecoprop 1097, 1715; monuron M859; oils 989, potassium cyanate 989; simazine 11,434,1633,1728; Solan 579; 2,4,5-T 989M,1715; 2,3,6-TBA 1097,1715; TCA 859; triazines 570,1728; others 356,1622.
Cirsium brevifolium - 878.
Cirsium canescens - 878.
Cirsium canovirens - 878.
Cirsium durangense - 878.
Cirsium floodmannii - 878.
Cirsium heterophyllum - 44.
Cirsium lanceolatum - 451,459,1029.
Cirsium macrocarpum - 878.
Cirsium ochrocentrum - 878.
Cirsium palustre - 451.
Cirsium pitcheri - 878.
Cirsium tracyi - 878.
Cirsium undulatum - 878.
Cirsium velatum - 878.
Cirsium vulgare - 240,461,911,1729.
Cirsium wheeleri - 878.
Citrus spp. (citrus general) - weed control 683; chemical 815; 2,4-D M483; dalapon 483M,680M; diuron 483M,M680; fenuron 483; gibberellic acid 483; inorganics 483; MH M483; monuron 682; neburon 484; 2,4,5-T 483M; triazines 483.
Citrus limon (lemon) - 91,266,691.
Citrus paradisi (grapefruit) - 572.
Citrus sinensis (oranges) - 1058,1324.
Cladophora spp. - 571.
Clematis vitalba - 1584.
Cleome spp. (crop) - 1105.
Clover, alsike - see Trifolium hybridum.
Clover, bush - see Lespedeza spp.
Clover, crimson - see Trifolium incarnatum.
Clover, red - see Trifolium pratense.
Clover, subterranean - see Trifolium subterraneum.
Clover, sweet (melilot) - see Melilotus alba.
Clover, white - see Trifolium repens.
Clovers - see Trifolium spp.
Cocksfoot grass - see Dactylis glomerata.
Cocoa - see Theobroma cacao.
Coconut - see Cocos nucifera.
Cocos nucifera (coconut) - 1403.
Coffea arabica - (coffee) - general 1210,1402; weed control 1210; cultural 689; chemical 180,1116; allyl alcohol 1684; 2,4-D M84, 691; dalapon 689,691,1562,1563; EPTC 425; neburon 484; simazine 425; 2,4,5-T M84.
Colchicum autumnale - 451,1029.
Coleus spp. (crop) - 1555,1598.
Collards - see Brassica oleracea var. fruticosa or var. napo-brassica.
Colocynthis vulgaris - 914.
Commelina spp. - 269.
Commelina diffusa - 1559.
Coniferae (conifers) - competition 272; weed control 1064; cultural 693; chemical 271; chlorpropham 489M; 2,4-D 1237; diquat dibromide 489; oils 489,693,1064; PCP 489; propazine 66; simazine 66,M489; 2,4,5-T 1237; triazines 66.
Convolvulus spp. - 508,1181.
Convolvulus arvensis - biology/ecology 1564; poisoning 994; seeds 461; weed control 1619; cultural 1091; amitrole 1055M,1091,1252, 1311,1559,1687,1715,1761; ammonium thiocyanate M1055; atrazine 218,434,1055M,1584; chlorpropham 1389; 2,4-D 150,904,962,1091, 1182,1252,1559,1715; dalapon 1055,1559; 2,4-DES 1252; diuron 1559; EPTC 1559; fenac 1091,1575,1576; fenoprop 1252,1715; inorganics 1252; MCPA 1559,M1715; MCPB 470, 542,1677; mecoprop 1715; MH 1091; monuron 1559; simazine 218,434,1009,1055,1559; Solan 579; 2,4,5-T 1252,1715; 2,4,5-TB 470; 2,3,6-TBA 904,1559,1575,1576,1715M; others 1091,1252,1575,1576.

Convolvulus sepium - 674,1584.
Coprosma rhamnoides - 199.
Cordia macrostachya - 144,713.
Coreopsis spp. (crop) - 1555.
Corn salad - see Valerianella locusta var. olitoria.
Cornus spp. (crop) - 1391,1558.
Cornus florida - 1238.
Coronopus didymus - general 561; amiben 463; CDAA 463; CDEA 463; CDEC 463; chlorpropham 463; 2,4-DES 444; dinoseb 439; endothal M250; EPTC 463; fenac 463; MCPB 439M; monochloroacetate 439M; simazine 463; TCA M250; triazines 463.
Corylus spp. (crop) - 489.
Corylus americana - 518.
Corylus avellana - 989,1062.
Corylus cornuta - 518,1083.
Cotoneaster spp. (crop) - 478,1558,1584.
Cotton - see Gossypium spp.
Cotula dioica - 1392.
Cotula squalida - 1392.
Courtoisia cyperoides - 938,1528.
Cow pea - see Vigna sinensis.
Crambe abyssinica (crop) - 1001.
Cranberry - see Vaccinium oxycoccus.
Crataegus spp. - 1729.
Crepis spp. - 1029,1584.
Crepis japonica - 861.
Crotalaria spp. - 295,505.
Crotalaria spectabilis - 115,1442.
Crotalaria striata - 1442.
Croton sparsiflorus - 485,1363.
Cryptostemma calendula - 253,571.
Cucumber - see Cucumis sativus.
Cucumis melo cantalupensis (cantaloupes) - 246,254,577.
Cucumis metuliferus - 741.
Cucumis sativus (cucumber) - biology/ecology 1471; weed control, chemical 255,1668; amiben 1040; amitrole 254; BiPC M1664; CDAA 254; CDEC 246,254,1667; chlorpropham 62; 2,4-D 150; DCU 254; di-allate 1092; 2,6-dichlorobenzonitrile 1092,1455; Dicryl 1040; endothal 1092; EPTC 246,254,1092; monuron 254; naptalam 62,254; OMU M1664; propham 1092; simazine 62,587; others 577,919.
Cucurbita spp. (cucurbits general) - 978.
Cucurbita pepo (pumpkins) -246,254,1667.
Cucurbita pepo (squash) - 246,919,1668.
Cuphea ignea (crop) - 1555.
Currant, black - see Ribes nigrum.
Currant, red - see Ribes rubrum.
Currants - see Ribes spp.
Cuscuta spp. - general 994; biology/ecology 241,353,1072,1697; poisoning 994; weed control 911; cultural 911; 2,4-D 911; DNOC 2.
Cuscuta approximata - 1569.
Cymbidium spp. (crop) - 476.
Cynara cardunculus - 329.
Cynodon dactylon (Bermuda grass) - general 1442; amitrole 321M; arsenicals 479,M1376; 2,4-D 321M; Dacthal 479; Dicryl M1376; Zytron 479; others M321,479,576.
Cynodon dactylon - general 994; competition 488; poisoning 994; weed control 731; cultural 689, 1537; chemical 1460; amitrole 316M,1055M,1553, M1734; ammonium sulphamate 731; ammonium thiocyanate M316,M1055; atrazine 1055M,1584; 2,4-D M1363; dalapon 480,483M,593,680,689, 861,1055,1553,1559,1681,M1734; dinoseb 1019M,1028; diuron 483M,1019; EPTC 1443; inorganics 593; MCPA 1363; monuron 593M, 731; simazine 593,1055,M1734; 2,4,5-T M1363; 2,3,6-TBA 593; TCA 593,731,861, 1019M,1681; others 731,1782.
Cynosurus cristatus - 38,1661.
Cyperus spp. - 579,1079,1374.
Cyperus articulatus - 437.
Cyperus difformis - 938.
Cyperus eragrostis - 890.
Cyperus esculentus - general 994; poisoning 994; weed control, chemical 82; amiben 1014; arsenicals M1376; atrazine 1014, 1715; Dicryl M1376; EPTC 1614,1715; hexachloroacetone 1715; neburon 1014; prometon 1715; propazine 1014,1715; simazine 1014; triazines 1014,1715.
Cyperus rotundus - general 994; biology/ecology 1506; poisoning 994; weed control 268; biological 866; cultural 1537; chemical 1668; amitrole 669,M747,1579M; ammonium thiocyanate M1579; atrazine 1579; carbamates 574,575; CDEC 443; 2,4-D 343, 747,1363M,1579; dalapon 747M; dinoseb 443, 1028; diuron 686; EPTC 425,575,746,747, 1443,1579,1614; fenac 1579; inorganics 593; MCPA 1363,1579; methyl bromide 343; monuron 747; PCP 443; prometon 1579; simazine 269,1579; 2,4,5-T M1363; TCA 747; triazines 1579; others 577,686,1107.
Cytisus spp. - 106.
Cytisus scoparius - 142,309,1725.
Dactylis glomerata (cocksfoot, orchard grass) - competition 239; amitrole M41; atrazine 1584; barban 3; dalapon 41M,656; di-allate 3,10.
Dactylis glomerata - 1584.
Dahlia spp. (dahlia) - 476,1555.
Danthonia spp. - 40.
Datura stramonium -5505,571,577.
Daucus carota (carrot) - weed control, cultural 462,467,665; chemical 815,1394, 1543,1668; amiben 463,992,1040,1666; atrazine 55,1040,1584; BiPC M1664; calcium cyanamide 989; CDAA 463,1001; CDEA 463; CDEC 246,463,1667; chlorpropham 59,462M, 463,M465,M1040,1042,M1546; 2,4-D 989; Dacthal 1555; 2,4-DES 59; di-allate 920, 1092,1627; 2,6-dichlorobenzonitrile 148, 1092; Dicryl 1040; dinoseb 462,989; DNOC 462,989; endothal 1092; EPTC 463,747,1001, 1092; fenac 463; inorganics 665,848,989; Karsil 1040; MCPA 989; MCPB 989; monuron 59,M462,465,1040; naphtha M465,467; neburon 59,465; oils 467,665,848,849,989,M1040, 1041,1042,1546,1603,1604; OMU 251,M1664; PCP 1546M; potassium cyanate 462,989; prometon 1666; propazine 55,57,58,174,249,

Daucus carota (carrot) (contd.) 1040,1665; propham 1092; simazine 55,463, 1525; Solan 579,1040; triazines 55,463, 1040; others 577,755,919,1040,1604,1666.
Daucus carota - amitrole 1055M; ammonium thiocyanate M1055; atrazine 1055M,1584, 1728; 2,4-D 451,M1729; dalapon 1055; 2,4-DB 451; inorganics 1729M; MCPA 451; prometon M1728; simazine 1055,M1728; triazines 570.
Delphinium spp. (delphinium) - 66,1555.
Delphinium spp. - 1029.
Dendrocalamus asper - 530.
Dendrocalamus membranaceus - 530.
Dendrocalamus stricta - 530.
Dendropthoe falcata - 108.
Deschampsia caespitosa - seeds 1516; weed control 655,1578; amitrole M33; 2,4-D M33; dalapon M33,1062,1661; TCA 1062.
Deschampsia flexuosa - weed control 324; 2,4-D M36; dalapon M36,39,839,1062,1406. 1661; TCA 1406.
Descurainia intermedia - 291.
Descurainia sophia - 1090.
Desmodium canum - 1206.
Deutzia spp. (crop) - 478,1558.
Dhal - see Cajanus cajan.
Dianthus spp. (crop) - 476,1555.
Dianthus barbatus (crop) - 1555.
Dicentra spp. (crop) - 1555.
Dichapetalum cymosum - 114,739.
Dichondra spp. (crop) - 577.
Dichondra repens - 1392.
Digitaria spp. - weed control 670; chemical 1668; arsenicals 71,477,479,856,1050,1556, 1557; atrazine 640M,1090; carbamates 574, 575; chlordane 479,856,1050; 2,4-D M856; Dacthal 71,477,856,1050,1555,1556,1557; dalapon M1198; 2,4-DB M1198; diuron 1090; EPTC 1001,1027,1613,1616; fenac 479; fenoprop M856; monuron 1090; neburon 1090; simazine 640M,1090; Solan 579; TCA M1198; triazines 1001; Zytron 71,477,673,856, 1050,1556,1557; others 576,577,584,1050, 1796.
Digitaria decumbens (pangola) - 47,48.
Digitaria decumbens - 680.
Digitaria ischaemum - 671.
Digitaria sanguinalis - weed control 1204, 1205; amiben 1202; amitrole 1055M; ammonium thiocyanate M1055; arsenicals 354,671,M1376; atrazine 1055M,1178; CDAA 1202; CDEC 443,1202; chlordane 671; Dacthal 671,1202,1349; dalapon 1055; Dioryl M1376; dinoseb 443,1019M; diuron 1019; EPTC 1202; neburon 1202; oils 1041; PCP 443; potassium cyanate 1673; simazine 1055,1202; Solan 1202; TCA 1019M; Zytron 671,1202,1673; others 755,1585.
Digitaria scalarum - weed control, cultural 689; amitrole M1561; dalapon 689,690,1560, 1561M,1562,1563; MCPA M1561; TCA 1560,1561.
Digitaria timorensis - 861,1681.
Diospyros spp. (crop) - 510.
Diplotaxis spp. - 1584.
Dipsacus fullonum ssp. sylvestris - 120.
Dodonaea triquetra - 309.
Dolichos argenteus (crop) 1683.
Doronicum spp. (crop) - 1555.
Draba muralis - 1214.
Drymaria cordata - 269.
Echinacea spp. (crop) - 1555.
Echinochloa spp. - 219,577,918.
Echinochloa colonum - competition 641; ecology 501; seeds 501; CDEC 850; chlorpropham 850M; 2,4-D 1528; EPTC 850; TCA 738,850; triazines 850M; others 850.
Echinochloa crus-galli - biology/ecology 506; seeds 506,507; weed control 828; amiben 833,M909,1017,1027,1055M,1202,1644; ammonium thiocyanate 1055M; atrazine 1055M; carbamates 574,575; CDAA 1014M,1189,1202, 1279; CDEC 1202,1279,1669; chlorpropham M909,1189; 2,4-D 1362M; Dacthal 1202; dalapon M60,1055,M1198,1649M; 2,4-DB M460, M1198; diuron 1189; EPTC 833,1003,1202, 1279; MCPA 1362; monuron 1189; naptalam 1189; neburon 1202; simazine 1009,1055, 1202,M1649; Solan 579,1202; 2,4,5-T M1362; TCA M1198; triazines 1644; Zytron 1202; others 576,909,M1014,1184,1585,1669.
Echinochloa stagnina (crop).- 1528.
Eclipta alba - 1537,1692.
Egeria densa - 892.
Eichhornia crassipes - general 107; biology/ecology 1152,1230; weed control 1230; biological 124; 2,4-D 1079,1231; 2,4,5-T 1079.
Elaeis guineensis (oil palm) - 862.
Eleagnus spp. (crop) - 478,1558.
Eleagnus japonica - 199.
Eleocharis spp. - 1079,1704.
Eleocharis caribbea - 437.
Eleocharis mutata - 437.
Eleocharis plantaginea - 1528.
Elephantopus mollis - 900.
Eleusine indica - general 504; competition 641; weed control 504,1204; chemical 1668; arsenicals 504M,671,M1376; chlordane 504, 671; 2,4-D M504; Dacthal 671; Dicryl M1376; dinoseb 1028; oils 1041; potassium cyanate 1206; Zytron 671.
Eleusine jaegeri - 689.
Ellisia nyctelea - 1072.
Elodea spp. - 300.
Elodea canadensis - biology/ecology 892; weed control 1232; acrolein 122; 2,4-D 122, 514; fenac 514; fenoprop 514,1704.
Elodea densa - 1222.
Elymus canadensis - 1691.
Elymus caput-medusae - biology/ecology 1195, 1216,1379; competition 456; weed control 456,664,1037; cultural 664,1037; dalapon 664; dinoseb 664; diuron 1037; EPTC 664; inorganics 664; simazine 664.
Endive - see Cichorium endiva.
Epaltes divaricata - 1537.
Epilobium hirsutum - 120.
Epilobium nerterioides - 1392.

Epilobium roseum - 1584.
Equisetum spp. - 316,663.
Equisetum arvense - amitrole 1622; atrazine 1584; calcium cyanamide 989; 2,4-D 989, 1622; dalapon 1622,1715M; 2,4-DB 1657; dinoseb 989; diquat dibromide 1622; diuron 1622; DNOC 989,1533; erbon 1715M; inorganics 989,1715M; MCPA 989,M1622,1657,M1715; MCPB 1622M; monuron 1715M; oils 989; simazine 1622; TCA 1622,1715M; others 1622.
Equisetum fluviatile - 120.
Equisetum limosum - 1325.
Equisetum palustre - 296,660,1584.
Equisetum vulgare - 859.
Eragrostis spp. (sandlove grass) - 1035.
Eragrostis spp. - 249.
Eragrostis cilianensis - 1202.
Eragrostis curvula (crop) - 1442.
Eragrostis willdenoviana - 1363.
Erechtites hieracifolia - 87,687,706.
Eremocitrus glauca - 307.
Erica spp. (crop) - 1555.
Erica spp. - 35.
Erica lusitanica - 842.
Erigeron spp. (crop) - 1391.
Erigeron bonariensis - 505.
Erigeron canadensis - 1584.
Erodium moschatum - 1584.
Eruca sativa (crop) - 1001.
Eryngium spp. - 1036.
Eryngium campestre - 570.
Erysimum cheiranthoides - 989.
Erythrina poeppigiana - 84.
Eucalyptus spp. - 1086.
Eucalyptus amplifolia - 309.
Eucalyptus angophoroides - 309.
Eucalyptus bosistoana - 309.
Eucalyptus botryoides - 309.
Eucalyptus camphora - 309.
Eucalyptus capitellata - 309.
Eucalyptus carnea - 309.
Eucalyptus crebra - 310.
Eucalyptus drepanophylla - 306.
Eucalyptus eximia - 309.
Eucalyptus fastigiata - 309.
Eucalyptus fraxinoides - 309.
Eucalyptus globoidea - 309.
Eucalyptus goniocalyx - 309.
Eucalyptus grandis - 309.
Eucalyptus gummifera - 306,309.
Eucalyptus haemastoma - 309.
Eucalyptus intermedia - 306,309.
Eucalyptus lindleyana - 309.
Eucalyptus longifolia - 309.
Eucalyptus macrorrhyncha - 309.
Eucalyptus maculata - 309,310,730.
Eucalyptus maideni - 309.
Eucalyptus micrantha - 306,309.
Eucalyptus microcorys - 306,309.
Eucalyptus nowraensis - 309.
Eucalyptus nubilis - 309.
Eucalyptus obliqua - 309.
Eucalyptus ovata - 309.
Eucalyptus paniculata 309,730.
Eucalyptus pellita - 309.
Eucalyptus pilligaensis - 309.
Eucalyptus pilularis - 309.
Eucalyptus piperita - 309.
Eucalyptus populifolia - 309.
Eucalyptus propinqua - 309.
Eucalyptus punctata - 304,309.
Eucalyptus racemosa - 309.
Eucalyptus resinifera - 306,309.
Eucalyptus robertsoni - 309.
Eucalyptus robusta - 309.
Eucalyptus rossii - 305.
Eucalyptus saligna - 309,730.
Eucalyptus scabra - 309.
Eucalyptus seeana - 309.
Eucalyptus siderophloia - 304,309.
Eucalyptus sideroxylon - 309.
Eucalyptus sieberiana - 309.
Eucalyptus smithii - 309.
Eucalyptus stricta - 309.
Eucalyptus tereticornis - 304.
Eucalyptus trachyphloia - 306.
Eucalyptus triantha - 309.
Eucalyptus umbellata - 309.
Eucalyptus umbra - 304,309.
Eucalyptus viminalis - 309.
Eucalyptus virgata - 309.
Eucalyptus viridis - 309.
Eucalyptus wilkinsoniana - 304,309.
Euonymus spp. (euonymus) - atrazine 1584; chlorpropham 1558; Dacthal 155; 2,4-DES 1391; DNOC 1558; oils 1558; PCP 1558; simazine 478,1558.
Eupatorium spp. (crop) - 1001,1258.
Eupatorium adenophorum - 311,866.
Eupatorium cannabinum - 1584.
Eupatorium odoratum - 1257,1258.
Eupatorium riparium - 866.
Euphorbia cyparissias - biology/ecology 281,288,879,981; amitrole 1715; atrazine 1584; DMTT 1715; fenuron M1715; MCPA M1715; monuron M1715; 2,3,6-TBA M1715; TCA M1715.
Euphorbia esula - general 994; biology/ecology 879; poisoning 994; amitrole 316M,1098M; ammonium thiocyanate M316, M1098; 2,4-D 1098M,M1100; dalapon M1098; fenac 1098; inorganics 1098,M1100; MCPA M1098; monuron M1098; 2,3,6-TBA 1098.
Euphorbia exigua 704.
Euphorbia helioscopia - 59,1584.
Euphorbia hirta - 1693.
Euphorbia maculata - 706.
Euphorbia marginata - 1001.
Euphorbia serpyllifolia - 1072.
Euphrasia odontites - 451.
Eurotia lanata (winterfat) - 870.

Fagopyron esculentum (buckwheat) - 1584, 1781.
Fagus spp. (beech) - 489,1406.
Fagus spp. - 1066.
Festuca spp. (Fescues) - 454,576,673.
Festuca spp. - 37,1673.
Festuca arundinacea (fescue, tall) - 239, 479.

Festuca arundinacea - 1584,1734.
Festuca nova-zelandiae - 199.
Festuca ovina - 39,655,1661.
Festuca pratensis or F. elatior (meadow fescue) - 1199.
Festuca rubra (creeping red fescue) - 479, 655,1050 1199.
Festuca rubra - acetamides 755; dalapon 38, 1661; fenac 1050,1093.
Festuca silvatica - 1062.
Ficaria ranunculoides - 1029.
Filipendula ulmaria - 120,989,1584.
Fimbristylis miliacea - 437.
Flax - see Linum usitatissimum.
Forsythia spp. (forsythia) - 472,1391,1555, 1558.
Foxtail grass - see Alopecurus pratensis.
Fragaria spp. (strawberry) - weed control 676,1390; cultural 79; chemical 1391, 1394,1543; atrazine 75,M818,1584; BiPC M1664; chlorpropham 79M,261,677; Dacthal 1555; 2,4-DES 79M,261,1675; dinoseb 79, 261,818; diuron 75,79; fenuron 75,79M,261; MH 204; monuron 75; neburon 1054,1398; oils 818; OMU M1664; PCP 818M; propham 677; simazine 72,75,79,261,818M,1398, 1552; others 577,818.
Fragaria virginiana - 494.
Frangula alnus - 1062.
Franseria spp. - 577,1091.
Franseria tomentosa - 1575.
Fraxinus spp. (ash) - 488,510,1068,1687.
Fumaria spp. - 831.
Fumaria officinalis - atrazine 1584; BiPC M251; chlorpropham M16; 2,4-D 989; 2,4-DB 240; dinoseb 56,989; diuron M16; DNOC 989; inorganics 618,989; MCPA 989; oils 989; OMU M251; simazine 11; triazines 570.
Fumaria vaillantii - 704.

Gaillardia spp. (crop) - 1555.
Galeopsis spp. - 831,989,1642.
Galeopsis ladanum - 1619,1633,1634.
Galeopsis speciosa - 1516.
Galeopsis tetrahit - competition 821; seeds 396; atrazine 1584; 2,4-D 808,1090M; MCPA 808; MCPB 808; mecoprop 808; neburon 1090; Solan 579; 2,4,5-T 808; 2,3,6-TBA 1090M.
Galinsoga parviflora - amitrole M857; atrazine M857,1584; BiPC M831,M857; chlorpropham 252,857; 2,4-D 1648; diuron M857; fenac M857; MCPA 1648M; neburon 857; OMU 251,M831,M857; propham 857; simazine 857,1646; 2,4,5-T M1648.
Galinsoga quadriradiata - 740.
Galium spp. - 1555.
Galium aparine - weed control 1619; cultural 830; atrazine 1584; BiPC M831; chlorpropham 1626; 2,4-D 808; DNOC 1533M,1633,1634; MCPA 808,M1533; MCPB 808; mecoprop 808; OMU M831; simazine 11,14,830; 2,4,5-T 808; triazines 570; others 195,1626.
Galium hercynicum - 39.
Galium palustre - 120.
Galium pumilum - 1584.
Garlic - see Allium sativum.
Garrya wrightii - 520.
Gaura coccinea - 994.
Gaura odorata - 994.
Gaura sinuata - 994.
Gaura villosa - 994.
Gaya aurea - 1074.
Gaya gracilipes - 1074.
Gaya guerkeana - 1074.
Geranium spp. - 570,1029.
Geranium dissectum - 1069.
Geranium sanguineum - 1584.
Geranium sylvaticum - 989.
Geum spp. (crop) - 1555.
Gigantochloa apus - 530.
Gladiolus spp. (gladiolus) - weed control 476; chemical 255,1394; allyl alcohol 1604; amitrole 257,M475; BiPC M475; CDAA 257,475, 1667; CDEC 475; chlorpropham M16,257,M475; 1554M; 2,4-D 257M,668M; Dacthal 1555; 2,4-DES 257,474,668M; dinoseb 257,475; diuron M16,475; EPTC 246 257; MCPA 474, 1554; monuron 257,474; neburon 257,474,475; OMU M475; PCP M1554; propham 668; simazine 66,257,474; 2,3,6-TBA 475; TCA 257M; others 1554.
Glechoma hederacea - 451,1584,1673.
Gleditsia spp. (crop) - 488,510.
Gleichenia spp. - 269.
Glochidion spp. - 309.
Glyceria spp. - 119,1573.
Glyceria aquatica - 1574.
Glyceria fluitans - 120.
Glyceria maxima - 120,726,1574.
Glycine max (soybean) - general 1442; biology/ ecology 1601; competition 497,644; weed control 1186; cultural 647,649; chemical 1611,1668; amiben 648,956,1017,1018,M1178; 1254, M1370,1651,1652; atrazine 1125,1584; CDAA 440M,645M,648,1017,1018,1254,1358, 1651,M1652; chlorpropham 440,645,648M, 1017M,M1178,M1370,1652; 2,4-D 1535; Dacthal 1017; dalapon 646,1358; di-allate 1627; 2,6-dichlorobenzonitrile 1652; 2,5-dichloro-3-nitrobenzoic acid 956; dinoseb 440M,645M, 648,1017,1018 1652M; EPTC 1358; fenoprop 1535; MCPB 1652; mecoprop 1652; naptalam 440; 645,648M,1017M,1018,1254,1358,1370,1651, 1652; oils 648; PCP 648,1017,1018,1254; prometon 1017; simazine 1125; 2,4,5-T 1535; 2,3,6-TBA 1535; triazines 1017,1652; Zytron 1017; others 574,575,577,584,755,919,956, 1535.
Gnaphalium uliginosum - 989,1062,1584.
Gooseberry - see Ribes spp.
Gossypium spp. (cotton) - defoliation/desiccation 837,1022; weed control 836,1377; chemical 234,815,1611; amitrole 654,1143, 1312; arsenicals M580,M1376; atrazine 425; calcium cyanamide 654,1022; CDAA 1189; chlorpropham M448,449M,836,1189; 2,4-D 235, 1535; dalapon 1358,1494; Dicryl M580,972, M1376; dinoseb 449; diuron 448M,449,836, 1189,1375,1536,1654; EPTC 747,1358,1374; inorganics 654,1022,1023,1024; monuron 449,

Gossypium spp. (cotton) (contd.) 1189,1654; naptalam 1189,1312; oils 836; PCP 449; simazine 425,777; 2,4,5-T 1535; 2,3,6-TBA 1535; triazines 425,570; others 575,577,584,654,755,919,1320,1322,1494, 1535,1781.
Gramineae (grasses) - 573,574,577.
Grape - see Vitis vinifera.
Grapefruit - see Citrus paradisi.
Groundnuts - see Arachis hypogaea.
Gypsophila spp. (crop) - 1555.

Hakea acicularis - 309.
Hakea dactyloides -309.
Hakea gibbosa - 309.
Hakea saligna - 309.
Hakea teretifolia - 309.
Halogeton glomeratus - general 994; biology/ ecology 870,1228; poisoning 994,1419: seeds 1221,1414.
Hamamelis spp. (crop) - 570.
Hamelia patens - 692.
Haplopappus tenuisectus - 1196.
Harrisia martinii - 311,3421.
Harrisia tortuosa - 311.
Heather - see Calluna spp.
Hedera spp. (crop) - 576,1555.
Helenium spp. (crop) - 66.
Helenium tenuifolium - 323.
Heleocharis ovata - 438.
Helianthus annuus - (sunflower) - biology/ ecology 26; atrazine 1584; CDAA 1001M; chlorpropham 1144; 2,4-D 597,1144,1519; di-allate 10, 1092,1627; EPTC 1001.1092; MCPA 597; simazine 1001; 2,4,5-T 597; others M1001,1144.
Helianthus ciliaris - 994.
Heliconia spp. - 692.
Heliopsis spp. (crop) - 1391.
Heliotropium spp. - 295.
Heliotropium europaeum - 866,1570.
Helleborus spp. (crop) - 472.
Helminthia echioides - 199.
Helxine soleivolei - 1392.
Hemerocallis spp. (crop) - 66.
Hemp (marijuana) - see Cannabis sativa.
Heracleum sibiricum - 44.
Heracleum sphondyllium - 451,1029,1584.
Heteranthera spp. - 582.1704.
Heteranthera dubia - 1222,1696.
Heteropogon contortus - 728.
Heuchera spp. (crop) - 1555.
Hevea brasiliensis (rubber) - general 1061; biology/ecology 959,1502; 2,4-D 958,960; paraquat 572; simazine 862,863; 2,4,5-T 958.
Hibiscus cannabinus (kenaf) - 1456.
Hibiscus esculentus (okra) - 1668.
Hibiscus trionum - 1072.
Hieracium pilosella - 1029,1584.
Hippuris vulgaris - 122.
Histiopteris incisa - 916.
Hoffmanseggia densiflora - 1575.
Holcus lanatus - general 29,1062; biology/ ecology 1062; amitrole 41M,M857; atrazine 74,M857; dalapon 38,39,41M,73,459,1661; 2,4-DES 74; diuron M857; fenac M857; simazine 74,857.
Holcus mollis - 39,459,1062,1661.
Holcus sorghum (milo) - 1621.
Homeria collina - 327.
Homeria miniata - 327,554.
Hordeum jubatum - 278,1072.
Hordeum leporinum - 240.
Hordeum murinum - 534,579.
Hordeum vulgare (barley) - biology 1421, 1564; competition 430,498 499,635,869, 1620; weed control 1522; chemical 211; amitrole 163,592M,1097; atrazine 830; 1092,1584; barban 3,4,5,6.7,8,433.531,635, 760,901M,999,1003,1625; calcium cyanamide 989; CDAA 432,531; CDEC 432; chlorpropham 1144; 2,4-D 214,597,M901,989,1003,1097M, 1144,1621; dalapon 163,592M; 2,4-DB 1003, 1097; di-allate 3,4,9,10,433.531,999,1003, 1092,1627; 2,6-dichlorobenzonitrile 1003, 1092; dinoseb 1004; DNOC 819M,989,1004; endothal 1092; EPTC 531,1003,1092; fenac 1003; fenoprop 592M; inorganics 989; MCPA 214,597,819M,901,989,M1003 1097M; MCPB 901, 989,1097; mecoprop 989,1003,1097; oils 989; potassium cyanate 989; propham 1092; simazine 531,830,1009,1092.1623; 2,4,5-T 597; 2,3,6-TBA M1003,1097M; TCA 608,1096; triazines 1092,1625; Zytron 1092; others 210,531,573.608,1092,M1097,1144.
Hornbeam - see Carpinus spp.
Horse chestnut, buckeye - see Aesculus spp.
Hyacinthus spp. (hyacinth) - 1604.
Hydrangea spp. (hydrangea) - 852,1555,1558.
Hydrocharis morsus-ranae - 120,1147.
Hydrocotyle rotundifolia - 1206,1392.
Hydrocotyle sibthorpioides - 1392.
Hymenachne amplexicaulis - 437.
Hyoscyamus agrestis - 1149.
Hypericum spp. 1584.
Hypericum perforatum - general 994; biology/ ecology 281,288; competition 454; poisoning 994; weed control, biological 345,866.910, 1725; 2,4-D 545,593; inorganics 593.
Hypochaeris radicata - 11,451.

Iberis spp. (crop) - 66,1555.
Ilex spp. (holly) - 1555.
Ilex glabra - 143.
Impatiens capensis - 120.
Imperata brasiliensis - 1079.
Imperata cylindrica - general 1721; weed control 731; cultural 731; ammoniumsulphamate 731. dalapon 689; inorganics 145.731; monuron 145,731; oils M145; PCP M145; simazine 269, 863; TCA M145.731; others 731.
Ipomoea spp. - general 1717; 2,4-D 171,231; dinoseb 1019M; diuron 482,1019; simazine 482; TCA 1019M; others 356,584.
Ipomoea batatas (sweet potato) - 577,581.
Ipomoea purpurea - 579,1376.
Iris spp. (iris) - 16.66,256,1555.
Iris pseudacorus - 120,1705.

Ischaemum rugosum - 1528.
Iva axillaris - 994.
Iva xanthifolia - 1072.

Jacquemontia tamnifolia - 768.
Juglans spp. (crop) - 510.
Juncus spp. - atrazine 1584; 2,4-D 451,1383; dalapon 38,M1574; MCPA 38,451; 2,4,5-T 600; others M1574.
Juncus acutus - 540.
Juncus articulatus - 891.
Juncus conglomeratus - 1062.
Juncus effusus - competition 325; seeds 325; 2,4-D 325,451,1062; dalapon 120; fenoprop 1704; MCPA 325,451,1383; simazine 1062; 2,4,5-T 325.
Juncus inflexus - 451.
Juncus pauciflorus - 890.
Juncus polyanthemos - 890.
Juncus squarrosus - 37,1661.
Juniperus spp. (crop) - 1555,1584.
Juniperus spp. - 1032.
Juniperus communis - 989.
Jussieua erecta - 437.
Justicia adhotoda - 885.

Kaffircorn - see Sorghum vulgare.
Kale, common - see Brassica oleracea var. acephala.
Kenaf - see Hibiscus cannabinus.
Knautia arvensis - 1584.
Kniphofia spp. (crop) - 66,155.
Kochia scoparia - biology 1072; seeds 1149; amiben 833; amitrole M1209; chlorpropham 1209; 2,4-D M1090; dalapon M460; 2,4-DB M460; diuron 1209M; EPTC 833; gibberellic acid 1149; MCPA M1090; simazine 1209; 2,3,6-TBA M1090; others M1090.
Koeleria cristata - 1386.
Kohlrabi - see Brassica caulorapa.
Kudzu vine - see Pueraria thunbergiana.
Kunzea peduncularis - 340.

Lactuca spp. - 85,1729.
Lactuca sativa (lettuce) - weed control, chemical 54,1394,1543,1668; amiben 463, 1666; atrazine 55; BiPC M1664; CDAA 463, 1666; CDEA 463; CDEC 246,463,1666,1667; chlorpropham 463,1665,1666; EPTC 463; fenac 463; inorganics 1546,1547; OMU M1664; PCP 1546; propazine 55; simazine 55,463; triazines 55,463; others 256,577.
Lactuca scariola - 1072.
Lactuca serriola - 265.
Lagarosiphon major - 514.892.
Lagascea mollis - 1568.
Lamium spp. - BiPC M251,M831; chlorpropham 252; 2,4-D 1029, 1633; DNOC 1029,1633; MCPA 1029; MCPB 1029; mecoprop 1029; OMU M251,M831; simazine 1633.
Lamium amplexicaule - 253,1584,1613,1615.
Lamium purpureum - amitrole 1687; atrazine 1584; 2,4-D 989; dinoseb 989; DNOC 989; EPTC 1613,1615; inorganics 989; MCPA 989; oils 989; triazines 570.
Lantana spp. (crop) - 1555.
Lantana camara - weed control 1257; biological 311.866,900; 2,4,5-T 309.
Lappula echinata - 396,1090.
Larix spp. (crop) - 88.1687.
Lathyrus spp. - 1584.
Lathyrus aphaca - 1029.
Lathyrus pratensis - 1584.
Lathyrus venosus - 1083.
Laurus spp. (crop) - 767.
Lavendula spp. (crop) - 1555.
Leek - see Allium porrum.
Leersia spp. - 124.
Leersia hexandra - 437,1528.
Lemna spp. - 582.
Lemna gibba - 120.
Lemna minor - acrolein 122; 2,4-D 122,597; dalapon 120; diquat dibromide 571; MCPA 597; 2,4,5-T 597; others 974.
Lemna trisulca - 1706.
Lemnaceae (crop) - 1081.
Lemon - see Citrus limon.
Lens culinaris (lentil) - carbamates 573,575; di-allate 10,920; propham 1531.
Leonotis mollissima - 505.
Leontodon autumnalis - 446,451,989,1540.
Lepidium spp. - 1729.
Lepidium bonariense - 561.
Lepidium hyssopifolium - 561.
Lepidium latifolium - 994.
Lepidium virginicum - 706.
Leptospermum aracnoides - 309.
Leptospermum attenuatum - 309.
Leptospermum brevipes - 309.
Leptospermum flavescens - 309.
Leptospermum juniperinum - 309.
Leptosperum scoparium - 106,842.
Lespedeza spp. (bush clover) - acetamides 577; Dacthal 1555; EPTC 1613.1614,1615,1616.
Lespedeza cuneata (crop) - 1442.
Lettuce - see Lactuca sativa.
Leucaena glauca - 1088.
Ligustrum spp. (crop) - 478 757,1555,1558.
Linaria spp. - 1584.
Linaria dalmatica - 454,910.
Linaria hepaticifolia - 1392.
Linaria vulgaris - 1098.1100,1673.
Linseed (flax) - see Linum usitatissimum.
Linum usitatissimum (flax) - general 1564, 1689; biology/ecology 277; weed control, chemical 223,1521; amiben 833,1003,1090;

Linum usitatissimum (flax) (contd.)
atrazine 1020,1092,1125,1584; barban 531, 760,833,901M,1003M,1092; CDAA 531,834; 2,4-D 597,834,M901,1003,1020; Dacthal 1555; dalapon 834,1090; 2,4-DB 834,1003; di-allate 10,531,1003,1092; 2,6-dichlorobenzonitrile 1003,1092,1456; dinoseb 835, 1532,M1534,1604M; diquat dibromide 1622; diuron 1020; DNOC 835,1532,1533M,1534M, 1604M; endothal 1092; EPTC 531,833,834, 1003,1020,1092,1615; fenac 1003; MCPA 597, 834M,835,901,M1003,1021,1188,M1533,1534M, M1604,M1622; MCPB 901,1003,1622M; mecoprop 1003,1020,1533,1534; prometon 1020; propham 1092; simazine 531,834,1020,1092,1125,1525; SMDC 1020; 2,4,5-T 597; 2,3,6-TBA M1003, 1020; TCA 608,834M,1090; triazines 1092; others 531,573,608,1020,1092,1532,1622.
Lippia lycioides - 1239.
Lippia nodiflora - 1363.
Lippia ukambensis - 425.
Liquidambar spp. (crop) - 510,1391.
Liquidambar styraciflua - 897,1241.
Lithocarpus densiflorus - 1429.
Lithospermum arvense - 1181.
Lobelia cliffortiana - 861.
Lolium spp. (ryegrass) - acetamide 755; amitrole 41M,592M; atrazine 1584; dalapon M41,592M; di-allate 1627; fenoprop 592M.
Lolium spp. - 575,674.
Lolium multiflorum (ryegrass, annual and Italian) - 3,1199,1584.
Lolium perenne (perennial ryegrass) - competition 104,239,500; amitrole M1541; carbamates 1781; 2,4-D 1199, 1384; dalapon M1541; 2,6-dichlorobenzonitrile 1456; fenoprop 1199; MCPA 1199.
Lolium perenne - 36,579,1584,1661.
Lolium temulentum - 1090,1420.
Lonicera spp. - 1259.
Lonicera japonica 316,898.
Lonicera tartarica - 864.
Lophotocarpus guyanensis - 437.
Loranthus spp. - 1409,1698.
Lotus corniculatus (birdsfoot trefoil) - amiben 1027; atrazine 1584; 2,4-D 1003; Dacthal 1555; dalapon M1027,1198; 2,4-DB 1003M,1027M,1198; EPTC 1027,1613,1614, 1615,1616; MCPA 1003M; MCPB 1003; TCA 34, 1198; others 577.
Lotus corniculatus - 1584.
Lucerne (alfalfa) - see Medicago sativa.
Lupinus sp. (crop) - 1442.
Lupinus arboreus - 106,1711.
Luzula nemorosa - 1062.
Luziola spruceana - 437.
Lychnis alba - 1069.
Lychnis flos-cuculi - 1584.
Lycopersicon esculentum (tomato) - defoliation/desiccation 468; allyl alcohol 421; amiben 27,1202,1668; amitrole 189,1497; atrazine 1668; BiPC M1664; CDAA 1202,1667, 1668; CDEC 246,1202,1666,1667,1668,1669; chlorpropham 1668; 2,4-D 1302,1668; Dacthal 1202,1668; 2,4-DEP 1668; 2-6-dichlorobenzonitrile 148,1455,1668; dinoseb 1668; diuron 1668; endothal 1668; EPTC 1202,1668; fenac 1668; inorganics 468; MCPA 1302M; mecoprop 1302; monuron 1668; neburon 1202; OMU M1664; potassium cyanate M1666; prometon 1668; simazine 937,1202; SMDC 421; Solan 579,1202, 1666; 2,4,5-T 1302; 2,3,6-TBA M1302; TCA 608,M1666,1668; triazines 570,1668; Zytron 1202,1668; others 190,421,577,756,919,1666, 1668,1669.
Lysimachia spp. - 1584.
Lysimachia vulgaris - 120.
Lythrum salicaria - 120,513,1705.

Maclura spp. (crop) - 510.
Magnolia spp. (magnolia) - 1555.
Maize - see Zea mays.
Malus spp. (apple) - biology/ecology 767,1564; weed control, chemical 1207,1394; amiben 1398; amitrole M856,859,M860,1395,M1397, 1677,1678; atrazine 859,1584; chlorpropham 1052; 2,4-D M818,1052,1396; dalapon 79,470, 859,1051,1396,1397,1677,1678; 2,4-DES 1391, 1678; dinoseb 1396; diuron 1398; DNOC 1052; endothal 1208; fenac M856; inorganics M859, 1208; MCPA 1677; MH 1052; monuron 78,M859, 1398,1678; neburon 859; oils 1052; PCP 1395; simazine 78,859,M860,1396,1397M,1398,1677, 1678; 2,4,5-T 818M; TCA 859,1052.
Malus spp. - 1729.
Malva borealis - 1072.
Malva neglecta - 1584.
Malva rotundifolia - 706,1072.
Mangels - see Beta vulgaris var. vulgaris.
Mangifera indica (mango) - 484.
Mariscus ustulatus - 199.
Marsilia polycarpa - 437.
Matricaria spp. - BiPC M831; chlorpropham M16; dinoseb M1103; diuron M16; DNOC 1532M,1533M; inorganics 1388; MCPA M1103, M1532,M1533; OMU M831.
Matricaria chamomilla - 174,704,1727.
Matricaria inodora - seeds 1069; amitrole 1091; 2,4-D 989M,1091; dinoseb 989,M1103; DNOC 989; inorganics 989,1091; MCPA 989,M1091,1103M, M1727; mecoprop 989,1103; monuron 1091; oils 989; 2,4,5-T 989M; 2,3,6-TBA M1091,M1727.
Matricaria maritima - 11,273,1564.
Matricaria matricarioides - 989,1727.
Matthiola spp. (crop) - 1001.
Meadow grass - see Poa trivialis.
Medicago denticulata - 252.
Medicago lupulina - 1584,1673.
Medicago sativa (lucerne) - biology/ecology 241,276; competition 239; defoliation/desiccation 1385; weed control, cultural 460; chemical 1584; amiben 833,1003,1027; amitrole 592M,638,M1090; ammonium thiocyanate M1090; atrazine 1003; barban 3,M1003; CDAA 1003,1028; CDEC 1028; chlorpropham 1610; 2,4-D 1003,1027; dalapon 34,240M,M458,459M, 460M,592M,689,845,992,1027M,M1028,1198,1659; 2,4-DB 240M,458M,459,460M,992,1003M,1027M, 1028M,1198; di-allate 3,10,1627; dinoseb 1028M,1385,1532; diuron 999,1003; DNOC ?,

Medicago sativa (lucerne) (contd.) 1385,1532; EPTC 747,833,1003,1027,1614; fenoprop 592M; inorganics 1385; MCPA 1003M, 1027,1657; MCPB 1003,1027; neburon 34,1027; PCP 1385; prometon 1003; propazine 1003; simazine 1003; TCA M459,845,1028,1198; triazines 1003; others 577,919,1385,1657.
Medicago sativa - 570,1584.
Melaleuca decora - 309.
Melaleuca hypericifolia - 309.
Melaleuca leucadendron - 309.
Melaleuca linariifolia - 309.
Melandrium spp. - 1584.
Melica sp. - 660.
Melica uniflora - 1062.
Melilotus spp. - 1090.
Melilotus alba (sweet clover) - 1003,1027, 1627,1682.
Mentha spp. (mint) - 1026,1518.
Mentha spp. - 482,570,1055,1584.
Mentha aquatica - 120,451,1029,1705.
Mentha arvensis - 989.
Mentha piperita (peppermint) - 577.
Menyanthes trifoliata - 120.
Mercurialis annua - biology/ecology 1564; atrazine 1584; BiPC M831; 2,4-D 1029; DNOC 1029; MCPA 1029; MCPB 1029; OMU M831; triazines 570.
Mercurialis perennis - 1062.
Millet, bread or proso - see Panicum miliaceum.
Millet, bulrush - see Pennisetum typhoideum.
Millet, foxtail - see Setaria italica.
Millet, German or golden - see Setaria italica var. stramineofructa.
Millet, Japanese barnyard - see Echinochloa crus-galli.
Milo, yellow - see Holcus sorghum.
Mimosa pigra - 641.
Mimosa sepiaria - 1256.
Mint - see Mentha spp.
Molinia caerulea - weed control 35; dalapon 37,39,1062,1406,1661; TCA 1062,1406.
Molluga verticillata - 579.
Monolepis nuttalliana - 1090.
Morus spp. (mulberry) - 488.
Mosses - see Musci.
Muhlenbergia schreberi - 1050,1083.
Mulberry - see Morus spp.
Musa sapientum (banana) - 83,572.
Musci (mosses) - 437.
Mustard, field or white - see Brassica campestris or herta.
Myosotis spp. (crop) - 66,1555.
Myosotis spp. - 831.
Myosotis arvensis - 11,989.
Myosotis palustris - 59,120.
Myrica spp. (crop) - 510.
Myriophyllum spp. - 122,582.
Myriophyllum heterophyllum - 1704.
Myrtus spp. (crop) - 576.

Najas spp. - 582,1704.
Narcissus spp. (narcissus) - weed control, chemical 1394; allyl alcohol 1604; chlorpropham M16,69M,M1045,1048; 2,4-D 1048; 2,6-dichlorobenzonitrile 1456; dinoseb 1048; diquat dibromide 69; diuron M16,M69; DNOC 1048; fenuron M69; inorganics 69M,1048, MCPA 1048; monuron 1048; oils 1048; PCP 69,M1045,1048; simazine 69; TCA 1048.
Nardus stricta - biology/ecology 285; weed control 655; 2,4-D M36; dalapon M36,37,39, 656,839,1661.
Nasella trichotoma - general 742; biology/ecology 339; weed control 338,744,745, 1440; cultural 536,745; amitrole 338M; dalapon 338M,659,743,1194,1381,1440M; TCA 536,659,743,1194,1381.
Nasturtium officinale - 120.
Nasturtium palustre - 1705.
Nelumbo spp. - 124.
Nepeta spp. (crop) - 1001.
Nertera granadensis - 1392.
New Zealand Browntop - see Agrostis tenuis and gigantea.
Nicandra physaloides - 505,649.
Nicotiana tabacum (tobacco) - general 559, 748; weed control 1390; allyl alcohol 167, M761,851; arsenicals 64; calcium cyanamide 64,851M,M1001; 2,4-D 64,1025M; DMTT 761, 1001M; DNOC M1025; EPTC 1001; MCPA 1025M; methyl bromide 167,851; PCP 64; propham 1025; SMDC 167,761M,851; 2,4,5-T 64; TCA 608,1025; triazines 1001; others 575,761, 851M,1025M.
Nothoscordum inodorum - 669.
Nuphar spp. - 1704.
Nuphar lutea - 120.
Nymphaea spp. - 124,725,1704.
Nyssa spp. (crop) - 510.
Nyssa sylvatica - 522.

Oat grass - see Arrhenatherum elatius
Oats - Avena sativa.
Oenothera spp. (crop) - 1555.
Oenanthe fistulosa - 120.
Oenanthe fluviatile - 120.
Oenanthe pimpinelloides - 199.
Oenothera biennis - 706.
Okra - see Hibiscus esculentus.
Oldenlandia biflora - 1363.
Onion - see Allium cepa.
Onobrychis viciaefolia (sainfoin) - 1584.
Onobrychis viciifolia - 1584.
Ononis spinosa - 451,1584.
Onopordon acanthium - 239,331.
Onopordum illyricum - 239.
Opuntia spp. - 866.
Opuntia aurantiaca - 311.
Opuntia inermis - 311,341.
Opuntia stricta - 311.
Orange - see Citrus sinensis.
Orchard grass - see Dactylis glomerata.
Ornithogalum umbellatum - 451.
Orobanche spp. - general 26,469; seeds 111, 394,395; weed control 346.

Orobanche ludoviciana - 940,985.
Orobanche minor - 111,346.
Orobanche ramosa - general 559,748,749; seeds 985; atrazine 1020; 2,4-D 1020; diuron 1020; DNOC 750; EPTC 1020; mecoprop 1020; prometon 1020; simazine 1020; SMDC 1020; 2,3,6-TBA 1020; others 1020.
Oryza sativa (rice) - general 698,876,877, 1185; competition 636; defoliation/ desiccation 1638; seeds 220,828; weed control 221,222,829,955,1015; cultural 637; chemical 938; amiben M909; chlorpropham M909; 2,4-D 437,1016,1363M,1364, 1365,1528,M1621,1637,1639; Dacthal 1555; dalapon 1016; dinoseb 1016; EPTC 219,1621; MCPA 1363,1366,M1621; mecoprop 438; monuron 1016; 2,4,5-T M1363; TCA 738, 1016; triazines 570; others 411,909M, 1184,1584,1621.
Oryza sativa - 637,1016.
Oxalis spp. - 476,669,1553.
Oxalis corniculata - 269,1392,1728.
Oxalis corymbosa - 269.
Oxalis debilis - 861.
Oxalis latifolia 269,861.
Oxalis pes-caprae - 328,915.
Oxalis repens - 861.
Oxalis semiloba - 1444.
Oxalis stricta - 570,1584.
Oxydendron arborea - 522.

Pachistima spp. (crop) - 1555.
Pachyphragma macrophyllum - 1149.
Paederia foetida - 1681.
Paeonia spp. (peony) - weed control 476; chlorpropham 473M,M1391; Dacthal 1555; 2,4-DES 1391M; DNOC M473; simazine 66, 473M.
Paesia scaberula - 916.
Pangola - see Digitaria decumbens.
Panicum spp. - 263,640,641,1366.
Panicum capillare - 463,576.
Panicum crus-galli - 1584.
Panicum fasciculatum - 686.
Panicum hemitomon - 483,680.
Panicum maximum - 483,680.
Panicum miliaceum (bread or proso millet) - 1527.
Panicum pyramidale - 1528.
Panicum purpurascens - 483,680.
Panicum queenslandicum - 1332.
Panicum repens - 269,483,680.
Panicum sanguinale - 570,1584.
Panicum trichocladum - 1683.
Papaver spp. (crop) - 66,700,1584.
Papaver spp. - 16,831,1416.
Papaver dubium - 701.
Papaver rhoeas - biology/ecology 273,701, 1564; 2,4-D 808; MCPA 808; MCPB 808; mecoprop 808; 2,4,5-T 808; triazines 570.
Parsley - see Petroselinum crispum.
Parsnip - see Pastinaca sativa.
Parthenium argentatum - 1564.
Parthenocissus tricuspidata (crop) - 1555.
Paspalum spp. - 1420.
Paspalum conjugatum - 863,1420.
Paspalum dilatatum (crop) - 453.
Paspalum dilatatum - amitrole 238M,891,M1734; ammonium thiocyanate M238; arsenicals M1376; dalapon 238M,M1734; Dioryl M1376; inorganics 593; monuron 593; simazine M1734.
Paspalum distichum - 437,890.
Paspalum fasciculatum - 47.
Paspalum notatum - 680.
Paspalum paniculatum - 861.
Paspalum scrobiculatum - 1420.
Passiflora spp. - 731.
Passiflora pulchella - 1559.
Pastinaca sativa (parsnip) - 55,246,1603,1655.
Pastinaca sativa - 1584.
Pea, garden - see Pisum sativum.
Peach - see Prunus persica.
Pear - see Pyrus communis.
Pelargonium spp. (crop) - 978.
Pennisetum clandestinum - 689,1193,1255.
Pennisetum macrourum - 538.
Pennisetum purpureum (crop) - 453.
Pennisetum purpureum - 680,1038.
Pennisetum schimperi - 689.
Pennisetum typhoideum (bulrush millet) - 1183.
Peppermint - see Mentha piperita.
Peppers - see Capsicum spp.
Persoonia cornifolia - 309.
Persoonia laevis - 309.
Persoonia lanceolata - 309.
Petasites hybridus - 451.
Petiveria alliacea - 692.
Petroselinum crispum (parsley) - weed control cultural 462; chemical 1543; atrazine 55; BiPC M1664; chlorpropham M66,M256,462M; dinoseb 462; DNOC 462; fenuron M256; monuron M462; OMU M1664; PCP M66; potassium cyanate 462; propazine 55; simazine 55; Solan 579; triazines 55.
Petunia spp. (petunia) - 1555.
Phalaris spp. - 119,1573.
Phalaris arundinacea - 120,316.
Phalaris tuberosa (crop) - 239,331.
Phalaris tuberosa - 249.
Phaseolus spp. (snap beans) - weed control, chemical 1668; amiben 1040,1666; amitrole 1497; BiPC M1664; CDAA 1666,1667; CDEC 1666, 1667; chlorpropham 1652,1666; 2,4-D M1475; Dacthal 1040; 2,6-dichlorobenzonitrile 1652; dinoseb 1666; EPTC 1613,1614,1615,1616,1666; MCPA M1475; MCPB 1652; naptalam 1652; oils 1652; OMU M1664; triazines 1040,1652; Zytron 1040; others 577,919,1666.
Phaseolus lunatus (Lima bean) - weed control, chemical 1668; amiben 1040; carbamate 574, 575; Dacthal 1040; 2,6-dichlorobenzonitrile 1040; endothal 581; triazines 1040; Zytron 1040; others 577,919.
Phaseolus multiflorus (runner bean) - 56,1394.
Phaseolus vulgaris (kidney, French, dwarf and American field bean) - weed control, chemical 54; amiben 425; atrazine 55,425; CDEC 15; chlorpropham 15; 2,4-DB 425; 2,6-dichlorobenzonitrile 1455; dinoseb 15,56,425,1670; diuron 15; endothal 406; EPTC 15; neburon 15;

Phaseolus vulgaris (kidney, French, dwarf and American field bean) (contd.) propazine 55; simazine 55,425; 2,4,5-T 406; triazines 55,425; others 15.
Philadelphus spp. (crop) - 1558.
Phleum alpinum - 655.
Phleum pratense (timothy grass) - competition 325,1565; atrazine 1584; calcium cyanamide 989; 2,4-D 989; di-allate 3,920; dinoseb 989; diquat dibromide 1622; DNOC 989; MCPA 989; MCPB 989; mecoprop 989; oils 989; potassium cyanate 989; others 1622.
Phlox spp. (crop) - 1555.
Phoradendron flavescens - 510.
Phragmites communis - weed control 727; amitrole M33; atrazine 1584; 2,4-D M33; dalapon M33,120,135,1102,1573,M1574; triazines 570; others 1102,M1574.
Phyllanthus spp. - 686.
Phyllostachys bambusoides - 530.
Phyllostachys meyeri - 530.
Physalis spp. (crop) - 1555.
Physalis viscosa - 552.
Picea spp. (spruce) - 487,1406.
Picea abies (Norway spruce) - 489,1063,1555.
Picea excelsa (crop) - 1687.
Picea pungens (Colorado spruce) - 490.
Picea sitchensis (sitka spruce) - 88,490,1687.
Pineapple - see Ananus comosus.
Pinus spp. (pine) - allyl alcohol 1405; amitrole 487,1407; BiPC 1405; CDAA 487; CDEC 487; chlorpropham 487; 2,4-D 1406M; dalapon 487,1407; 2,4-DES 487; fenuron 524, 1407; MCPA 1406; MH 487; monuron 524; naptalam 487; neburon 487; oils 1405; OMU 1405; simazine 487,1405,1407; 2,4,5-T 524, M1406,1408; TCA 487.
Pinus banksiana - 523.
Pinus contorta (shore pine) - 1323,1555.
Pinus echinata - 493.
Pinus elliottii (crop) - 306.
Pinus insignis - 106.
Pinus mugo (montana) (Swiss mountain pine) - 490.
Pinus nigra (Austrian pine) - 491,1555,1687.
Pinus ponderosa (western yellow pine) - general 716,880,881; competition 454; Dacthal 1555.
Pinus radiata (Monterey pine) - 762.
Pinus resinosa (Norway or red pine) - 494.
Pinus sylvestris (Scots pine) - amitrole 1687; chlorpropham 489M,491M; Dacthal 1555; dalapon 694; 2,6-dichlorobenzonitrile 88; oils 491M,694; simazine 489M,491M,1063; TCA 694.
Pinus taeda (loblolly pine) - 1065,1238.
Piper spp. - 692.
Pistia stratiotes - 1573.
Pisum sativum (peas) - general 1530; weed control, chemical 650,1521,1543; allyl alcohol 63; amiben 17,19,1040,1666; amitrole 27,1622; atrazine 17,19,27,55,1092,1584; barban 4,19,760,999; BiPC M27; calcium cyanamide 989; CDAA 247,1040M,1667; CDEC 246,247,1667; chlorpropham M16,17M,M18,M27,247,M256,465M, 1371M,1666; 2,4-D 597,989,1622; Dacthal 1040; dalapon 19M,M1040,1622; 2,4-DB 247; di-allate 3,10,27,999,1092,1627; 2,6-dichlorobenzonitrile 1092,1456; dinoseb 17,M19, 27,60,M230,247,439,465M,989,1040,1371; diuron M16,18M,M27,M1371,1622; DNOC M230,989, endothal 27,1092; EPTC 27,246,247,1040, 1092; fenac 19,27; fenuron 17M,M18,27M, M256,M1371; inorganics 989,1371; MCPA 247,465,597,989,1040M; MCPB 18,M19,247, 255,439M,989,M992,1371; MH 19,27; monuron 465,1040M; neburon 27; oils 989; OMU M27, 251; PCP 1371; propazine 17,27,55; propham 17M,18,19,27M,1092,1371,1531; simazine 17,27,55,1092,1525,1622,1666; Solan 1040,1666; 2,4,5-T 597; TCA 18,181, 903,1002,1371,1622; triazines 17,27,55, 465,1040,1092,1666; Zytron 1040; others 19,27,397,439M,573,574,575,577,M992,1040.
Plantago spp. - 859,1055,1729.
Plantago lanceolata - seeds 502,1069; atrazine 861,1584; 2,4-D 451; 2,4-DB 451; diuron 861; MCPA 451; MCPB 451; monuron 674,861; simazine 674,861.
Plantago major - seeds 502,706; atrazine 1584; 2,4-D 451,989; 2,4-DB 451; MCPA 451, 989; MCPB 451; triazines 570.
Plantago media - 502,674,1584.
Platanus spp. (crop) - 510.
Plum - see Prunus domestica.
Poa spp. (crop) - 576.
Poa spp. - 38,40,655,674.
Poa annua (crop) - 3,479,709,1199.
Poa annua - weed control 258,259; amiben 463; amitrole M41,M857,1687; arsenicals 855; atrazine 74,434,M857,1584; BiPC M831,M857; calcium cyanamide 989; CDAA 463; CDEA 463; CDEC 463; chlorpropham M16,79M,253,463,857,1610; dalapon 41M, 73,M458,459,845; 2,4-DB 240,458M; 2,4-DES 74,79M; dinoseb 56,79; diuron M16,M857; EPTC 463; fenac 463,M857; fenuron 79M; inorganics 1388; neburon 857; oils 989; OMU M831,M857; potassium cyanate 989; propazine 58; propham 857; simazine 74, 434,463,857,858; Solan 579; TCA 845; triazines 463,570; Zytron 673.
Poa palustris - 494.
Poa pratensis (bluegrass) - arsenicals 479, 1050,1556; CDAA 1001; chlorpropham 1001; 2,4-D M126,989,1001,1199; Dacthal 477, 479,1050,1556; di-allate 10,920,1627; fenoprop 1199; MCPA 989,1199; MCPB 989; mecoprop 989; naptalam 1001; neburon 1001; simazine 1001; 2,4,5-T M126; 2,3,6-TBA 1001; Zytron 477,479,673,1050M,1556; others 1001.
Poa pratensis - acetamide 755; Dacthal 1555; dalapon 657; fenac 1050,1093; Zytron 1673.
Poa trivialis (meadow grass or rough stalked) - 325,1199.
Poa trivialis - 41,73.
Polianthes tuberosa (tuberose) - 475.
Polygonum spp. - amiben M1370; atrazine 1584; BiPC M831; calcium cyanamide 989; chlorpropham M1370; 2,4-D 808,989; dalapon M1198; 2,4-DB M1198; dinoseb 989, M1103; diquat dibromide 1622; DNOC M819, 989,1633,1634; inorganics 989,1372;

Polygonum spp. (contd.)
MCPA 808,M819,989,M1103,M1622; MCPB 808, 1622M; mecoprop 808; naptalam M1370; ONU M831; potassium cyanate 989; 2,4,5-T 808; TCA M1198; triazines 570; others 1622,1642.
Polygonum achoreum - 1072.
Polygonum aequale - 282.
Polygonum amphibium - 120.
Polygonum aviculare - biology/ecology 282, 1072; competition 817; seeds 461; weed control, cultural 830; amitrole 1687; atrazine 74,434; calcium cyanamide 989; CDEC M446; chlorpropham M16,79M,253,446M; 2,4-D 989,M1729; 2,4-DB 240; 2,4-DES 74, 79M; dinoseb 56,79,989,M1103; diuron M16; DNOC 989,1532M,1533M; fenoprop 1673; fenuron 79M; inorganics 989,1729M; MCPA 989,1103M,M1532,M1533; MCPB 989; mecoprop 1103,1673; monuron 674; propazine 249; simazine 11,74,434,674,830; Solan 579; Zytron 1673.
Polygonum calcatum - 282.
Polygonum coccineum - 1091.
Polygonum convolvulus - general 752,1619; competition 817,821; weed control 1656; cultural 830; amiben 833; amitrole M1090, 1687; barban 1003,1090; CDAA 440M; chlorpropham M16,440,1626; 2,4-D 989,1003,1090M; 2,4-DB 1090; 2,6-dichlorobenzonitrile 148; dinoseb 440M,989,1532; diquat dibromide M1090,1622; diuron M16,1083M,1649; DNOC 989,1532,1533,1534M; EPTC 833; fenac M1090; inorganics 989,M1083; MCPA 989,1003,1090, M1534,M1622; MCPB 1090,1622M; mecoprop 1003; monuron M1083; naptalam 440; simazine 11, 830,1009,1649; 2,3,6-TBA M1090; triazines 1649; others M1083,1622,1626.
Polygonum heterophyllum - 282.
Polygonum hydropiper - 120,706.
Polygonum lapathifolium - 498,1564.
Polygonum littorale - 282.
Polygonum nepalense - 269.
Polygonum pensylvanicum - 263.
Polygonum persicaria - general 752; biology/ecology 1564; amiben 463,833,1017,1027; atrazine 74; CDAA 463; CDEA 463; CDEC 443, 463; chlorpropham M16,463; 2,4-D 1090M; 2,4-DES 74; dinoseb 439,443; diuron M16, 1649; DNOC 1533M; EPTC 463,833; fenac 463; inorganics 818; MCPA M1533; MCPB 439M; neburon 1090; PCP 443; simazine 74,463,858, 1649; Solan 579; 2,3,6-TBA 1090M; triazines 463,1649; others 439M,577.
Polygonum rurivagum - 282.
Polygonum senegalense - 725.
Pomaderris phylicaefolia - 842.
Pontederia cordata - 1704.
Populus spp. (poplars) - general 510; 2,4-D 1067M,1098M,1406M; dalapon 694,1098M; inorganics 1098; MCPA 1067M,M1098,1366, 1406; monuron 1064,M1098; PCP 1067; 2,4,5-T 1067M,M1406; TCA 1067.
Populus spp. - 523,1425.
Populus tremula - 798,989.
Populus tremuloides - 1083.
Portulaca oleracea - seeds 505,706; weed control, chemical 1668; amiben 463,1202; atrazine 1584; CDAA 440M,463,1040,1202; CDEA 463; CDEC 463,850,1202; chlorpropham 440,463,850M,1040M; 2,4-D 1090M; Dacthal 1202,1555; 2,4-DB 1090,1666; dinoseb 440M,1019M,1028; diuron 1019; EPTC 463,850,1202,1613,1615; fenac 463; MCPA 1090M; MCPB 1090,1666; monuron 1040M; naptalam 440; neburon 1202; oils 1041; PCP 1653; simazine 463,1202; Solan 579,1202; 2,3,6-TBA M1090; TCA 850,1019M; triazines 463,570,850M; Zytron 1202; others 577,850,M1090.
Potamogeton spp. - 1704.
Potamogeton americanus - 582.
Potamogeton amplifolius - 582.
Potamogeton crispus - 582.
Potamogeton diversifolius - 582.
Potamogeton filiformis - 582.
Potamogeton natans - 120,122,123,582.
Potamogeton pectinatus - 122,582.
Potamogeton pusillus - 582.
Potamogeton zosteriformis - 582.
Potato - see Solanum tuberosum.
Potentilla spp. - 1055,1729.
Potentilla anserina - 451.
Potentilla erecta - 39.
Potentilla reptans - 59,1584.
Poterium sanguisorba - 1029.
Pratia angulata - 1392,1674.
Pratia arenaria - 1392.
Pratia treadwellii - 1392.
Prosopis juliflora - 729,1035,1104,1303.
Prunella vulgaris - 989,1584.
Prunus spp. (crop) - 510,1391,1558.
Prunus armeniaca (apricot) - 134.
Prunus avium (sweet cherry) - 1395.
Prunus cerasifera (cherry plum) - 1395.
Prunus cerasus (cherry) - 481.
Prunus domestica (common plum) - 134,1053, 1397,1398.
Prunus laurocerasus (crop) - 1584.
Prunus mahaleb (crop) - 488,1395.
Prunus melanocarpus - 1083.
Prunus pensylvanica - 1083.
Prunus persica (peaches) - biology/ecology 1564; amitrole M1397; chlorpropham M1399; dalapon 134,1397; EPTC 246; simazine 481, 1397M; 2,4,5-TES M1399; TCA 134.
Prunus spinosa - 1062.
Pseudotsuga spp. (crop) - 491,1225,1687.
Pseudotsuga menziesii (crop) - 1428.
Pteridium spp. - 113,731.
Pteridium esculentum - 916,1722.
Pteridium aquilinum - biology/ecology 136, 509,1062,1150,1223,1695; defoliation/desiccation 1437; weed control 137,1436; amitrole M138,M139,M140,320,1260,1406; ammonium sulphamate 320; ammonium thiocyanate M138,M139,M140; arsenicals 320; 4-CPA 136,138,139,140,141,320,1260, 1437; 2,4-D M593,989M; dalapon 138,139, 140,320,1260; 2,6-dichlorobenzonitrile 1260,1732; diquat dibromide 320; inorganics M593,1406; MCPA 989; 2,4,5-T 989M.
Pueraria phaseoloides (crop) - 1683.
Pueraria thunbergiana (kudzu) - 1038.

Pueraria thunbergiana - 316.
Pumpkin - see Cucurbita pepo.
Pycreus ferrugineus - 861.
Pycreus tremulus - 938,1528.
Pyrethrum - see Chrysanthemum coccineum.
Pyrus spp. (crop) - 510.
Pyrus communis (pears) - general 767; weed control 1394; chemical 1207; amiben 1398; amitrole M857,1395,M1397, 1677; atrazine 1584; 2,4-D 1396; dalapon 1396,1397,1677; dinoseb 1396; diuron 1398; fenac M857; MCPA 1677; monuron 78, 1398; PCP 1395; simazine 78,1396,1397M, 1398,1677.
Pyrus malus (crop) - 1564.

Quercus spp. (oaks) - general 510; competition 488; amitrole 1687; 2,4-D M1406; 2,4-DES 1391; PCP 489; 2,4,5-T M1406.
Quercus spp. - 482,522,523,525.
Quercus alba - 526.
Quercus borealis - 1238.
Quercus douglasii - 303.
Quercus falcata - 1241.
Quercus havardi - 888,1239.
Quercus kelloggii - 528.
Quercus marilandica - weed control 1240; amitrole 1240; ammonium sulphamate 526, 1240; 2,4-D 1240M; 2,4-DB 1240; dichlorprop 1240; fenoprop 1239,1240; fenuron 524,1239,1240; MCPB 1240; monuron 524,526,1240; 2,4,5-T 524,526, 527,1239,1240M,1241,1427; 2,3,6-TBA 1240.
Quercus rubra - 897.
Quercus stellata - weed control 1240; amitrole 1240; ammonium sulphamate 526, 1240; 2,4-D M897,1240M; 2,4-DB 1240; dichlorprop 1240; fenoprop 1239,1240; fenuron 524,1239,1240; MCPB 1240; monuron 524,526,1240; 2,4,5-T 524,526, 897M,1239,1240M,1241,1427.
Quercus turbinella - 520.
Quercus undulata - 708.
Quercus velutina - 526.

Radish - see Raphanus sativus.
Ranunculus spp. - general 663; amitrole 1055M; ammonium thiocyanate M1055; atrazine 1055M,1584; dalapon 1055; mecoprop 1181; simazine 858,1055.
Ranunculus acris - 2,4-D 451,989,1657, 1715; MCPA 31M,451,989,1540,1657,1715; MCPB 451,989; mecoprop 989; 2,4,5-T 989.
Ranunculus arvensis - 831,1103.
Ranunculus bulbosus - 287,451,656,1540.
Ranunculus ficaria 451.
Ranunculus lingua - 120.
Ranunculus pseudofluitans -1232.
Ranunculus repens - amitrole M86; atrazine 1584; 2,4-D 36M,451,818,989,1380M,1393; dalapon M86,120; 2,4-DB 32,451,818,1393; dinoseb 989; DNOC 989; inorganics 989; MCPA 31M,32,36,451,818,989,1380,1393,1540, 1677; MCPB 32,36M,451,818,989,1393,1677; mecoprop 818,989,1393; monuron 674; oils 989; simazine 11,674; 2,4,5-T 989,M1380.
Ranunculus sardous - 451.
Rape - see Brassica spp.
Raphanus raphanistrum - seeds 461; 2,4-D 214, 1714; 2,6-dichlorobenzonitrile 148; Dicryl 1714; dinoseb 1004,1714; DNOC 1004; inorganics 1372; Karsil 1714; MCPA 214, 1714; simazine 11; Solan 579,1666,1714; others 1642.
Raphanus sativus (radish) - weed control, chemical 1668; atrazine 55; CDAA 1001; EPTC 1001; propazine 55; simazine 55; TCA 608; triazines 55; others 577,584,755,1781.
Raphanus sativus - 579.
Rapistrum rugosum - 1029.
Raspberry - see Rubus idaeus.
Reseda lutea - 1584.
Reseda luteola - 461.
Rhamnus cathartica - 1729.
Rhamnus crocea - 520.
Rheum rhaponticum (rhubarb) - 60,1543,1546.
Rhinanthus spp. - 1029.
Rhinanthus major - 451.
Rhododendron spp. (azaleas, rhododendron) - 1473,1555.
Rhododendron spp. - 1032.
Rhubarb - see Rheum rhaponticum.
Rhus diversiloba - 303.
Rhus radicans - 560,1431,1611.
Rhus trilobata - 520.
Rhyncospora aureus - 437.
Ribes sp. (gooseberry) - weed control, chemical 1394; atrazine 74; dalapon 73; 2,6-dichlorobenzonitrile 148; simazine 74,858.
Ribes spp. (currants) - 1391.
Ribes grossularia - 199.
Ribes nigrum (black currants) - weed control, chemical 1394; amiben 1398; atrazine 74,818; 2,4-D 818; dalapon 73,818; 2,4-DB 818; 2,6-dichlorobenzonitrile 148; diuron 1398; MCPA 818; MCPB 470,818,1677; monuron 78, 1398; propazine 818; simazine 74,78,818, 858,1398,1677; 2,4,5-TB 470; triazines 818.
Ribes rubrum (red currant) - 674,1398,1584.
Riccia fluitans - 1706.
Rice - see Oryza sativa.
Richardia scabra - 579,1376.
Robinia spp. (crop) - 510,1558.
Robinia pseudoacacia (crop) - 458,1687.
Roemeria refracta - 1629.
Rorippa austriaca - 994.
Rorippa islandica - 1584.
Rorippa sylvestris - 1062,1687.
Rosa sp. (rose) - weed control, chemical 476, 1394,1555; atrazine 1584; EPTC 246; propazine 66; simazine 66,1049; others 576, 757.
Rosa spp. - 494,989,1083.
Rosa bracteata - 1239.

Rosa canina (crop) - 1391.
Rosa eglanteria - 106.
Rosa multiflora - 1083,1555.
Rosa rubiginosa - 308,517.
Rosa rugosa - 1555.
Rottboellia exaltata - 649.
Rubber - see Hevea brasiliensis.
Rubus spp. - 1604,1710,1728.
Rubus caesius - 1067.
Rubus fructicosus - 451,1062,1406.
Rubus idaeus (raspberry) - amiben 1398; amitrole 74,75M,859; atrazine 74,75,818, 859; 2,4-D 818,1393; dalapon 73,75M,818, 859; 2,4-DB 818,1393; 2,4-DES 74,M76,M77; dinoseb 76; diuron 1398; fenuron M76; MCPA 818,1393; MCPB 818, 1393; mecoprop 1393; monuron 76,77,78,1398; propazine 818; propham 76,M77; simazine 74,75,76,77,78, 818,858,859,1398; 2,4,5-T 818; TCA 75,76, 859; triazines 818.
Rubus idaeus - 989,1062,1406.
Rudbeckia spp. (crop) - 1001.
Rumex spp. - biology/ecology 1415; weed control, cultural 446; atrazine 434,1584; BiPC M831; CDEC M446; chlorpropham 446M; 2,4-D 434,1383; dalapon M458; 2,4-DB 240, 458M; dichlorprop 452M; diuron 1083M; inorganics 1083,1388; MCPA 434,M452,1383, 1677; MCPB M452; mecoprop 452M,1181; monuron M1083; OMU M831; simazine 434; 2,3,6-TBA M452; others M1083.
Rumex acetosa - 710,989,1380.
Rumex acetosella - biology/ecology 711,712; seeds 710; amiben 463; amitrole 1687; CDAA 463; CDEA 463; CDEC 463; chlorpropham 463; 2,4-D 989; dinoseb 989; diuron 482; DNOC 989; EPTC 463; fenac 463; inorganics 989; MCPA 989; oils 989; potassium cyanate 909; propazine 249; simazine 463,482; triazines 463.
Rumex altissimus - 710.
Rumex conglomeratus - 120,500.
Rumex crispus - biology/ecology 500; seeds 706,710,1069; weed control 280; amitrole 541; 2,4-D 451; MCPA 451,M541; mecoprop 541; 2,3,6-TBA M541.
Rumex domesticus - 989.
Rumex hydrolapathum - 120,500,513.
Rumex mexicanus - 710.
Rumex obtusifolius - 11,500,710,817.
Rumex orbiculatus - 710.
Rumex sanguineus - 500.
Rumex verticillatus - 710.
Rutabaga - see Brassica napobrassica.
Rye - see Secale cereale.
Ryegrass - see Lolium spp.
Ryegrass, annual - see Lolium multiflorum.
Ryegrass, perennial - see Lolium perenne.

Saccharum officinarum (sugar cane) - seeds 422; weed control 268,1060; biological 1401; cultural 1401; chemical 685,815, 1060,1401; amitrole 741,1559; atrazine 686,861M; barban 686; CDAA M686; 2,4-D M85,87,485,486,684,686M,M741,768,1059, 1559,1682; dalapon 85,86M,87,537M,M686, 689,861M 1560,1681; diuron 87,686M,861M; EPTC 686,1559; fenoprop 85; inorganics 861M; MCPA 485,1559; methyl bromide 688; monuron 87,686,861M; PCP M686; simazine 87,686,687,861M,1559; 2,4,5-T 87,485, M537,741M; TCA M85,M86,87,861M,1560,1681, 1682; triazines 1559; others M686,919.
Sagina spp. - 1584.
Sagina glabra - 1392.
Sagina pilifera - 1392.
Sagittaria spp. - 1704.
Sagittaria sagittifolia - 120.
Salix spp. (crop) - 470,1366.
Salix spp. - 44,106.
Salix caprea - 989.
Salpichroa rhomboidea - 553.
Salsola kali - 1220,1441.
Salsola pestifer - 556,1003,1090,1656.
Salsola ruthenica - 507.
Salt sage - see Atriplex nuttallii.
Salvia spp. (salvia) - 1555.
Salvia aethiopsis - 994.
Salvia pratensis - 1029.
Salvinia auriculata - biology/ecology 1422; weed control 1233; 2,4-D 437; 2,6-dichlorobenzonitrile 148; PCP 725.
Salvinia natans - 597.
Santolina spp. (crop).- 1555.
Sarcobatus baileyi (crop) - 870.
Sarothamnus scoparius - 451,1062,1406.
Satureja spp. (crop) - 1001.
Scabiosa spp. (crop) - 1391,1555.
Scandix pecten-veneris - 704,1029.
Schoenoplectus lacustris - 120.
Schoenus nigricans - 35.
Scirpus spp. - 1574.
Scirpus americanus - 1703,1704.
Scirpus maritimus - 438.
Scirpus mucronatus - 1366.
Scleranthus spp. - 1029.
Scolymus hispanicus - 329.
Scorzonera spp. (scorzonera) - 62,1543.
Scrophularia nodosa - 120.
Scutellaria galericulata - 120.
Secale cereale (rye) - biology/ecology 273, 1564; competition 1620; amitrole 582M; atrazine 1584,1623; barban 1625; dalapon 582M; fenoprop 582M; MCPA 1359; simazine 1623; triazines 1625.
Secale cereale - 249.
Sedum spp. (crop) - 66,1391.
Sedum acre - 1584.
Selaginella rupestris - 494.
Selliera radicans - 1392.
Senecio spp. - 295,494.
Senecio aquaticus - 33,451.
Senecio jacobaea - general 1717; poisoning 512; seeds 461; weed control, biological 345,866,1725; arsenicals 330; 2,4-D 330; inorganics 330; MCPA 1540.
Senecio vernalis - 1062.
Senecio vulgaris - biology/ecology 1564; weed control 70; cultural 79; amitrole M857; atrazine 74,M857,1584; BiPC M65;

Senecio vulgaris (contd.) M831,M857; calcium cyanamide 989; chlorpropham M16,65,79M,857,1391; 2,4-D 989; 2,4-DES 74,79M; dinoseb 56,79,989; diuron M16,M857; DNOC 989; fenac M857; fenuron 79M; inorganics 665,989; MCPA 989; MCPB 989; mecoprop 989; monuron 78; neburon 857; oils 665,989; OMU M65,M831, M857; propazine 58; propham 857; simazine 74,857,858; Solan 579; triazines 570.
Serenoa repens - 143,1034.
Sesamum indicum (sesame) - 747.
Sesbania sericea - 437.
Setaria spp. (crop) - 577.
Setaria spp. - amiben 833,1017,1027,1254, 1720; amitrole 1055M,1096; ammonium thiocyanate M1055; atrazine 640M,1008, 1055M,1096,1125,1254,1720; barban 532; carbamates 573,574,575; CDAA 1014,1254M, 1720; dalapon 1001,1040M,1055,1096,1254; DCU 1001; di-allate 532; dinoseb 1040M; diuron 1040; endothal 1001; EPTC 532, 833,1001,1003; naptalam 1254,1720, neburon 1040; PCP 1254; simazine 640M, 1014,1055,1125,1254,1720; TCA 1001,1040M, 1254; triazines 1040; Zytron 1096; others 576,577,584,M1254,1781.
Setaria barbata - 861.
Setaria faberi - 1412.
Setaria glauca - biology/ecology 1072; seeds 507,706; atrazine 1584; triazines 570.
Setaria italica - 570.
Setaria italica (foxtail millet) - 1584.
Setaria italica stramineofructa (golden or German millet) - 756.
Setaria lutescens - biology/ecology 1072, 1412; competition 496,867; amitrole 1209M: chlorpropham 1209; dalapon M460, 968,1412; 2,4-DB M460; diuron 1209M; simazine 1209.
Setaria pallidifusca - 861.
Setaria verticillata - 265.
Setaria viridis - biology/ecology 1072; competition 497,644,867; seeds 507; amiben 1096; atrazine 1092; barban 1092, 1096; CDAA 440M,832,1096; chlorpropham 440,832; 2,4-D 1096; dalapon M460,832, 1001; 2,4-DB M460; DCU 832; di-allate 1001,1092; 2,6-dichlorobenzonitrile 1092; dinoseb 440M; endothal 1001,1092; EPTC 832,1001,1092,1096,1519; fenac 1096; naptalam 440; propham 1092; simazine 1009,1092,1096; 2,3,6-TBA 1096; TCA 832,1002,1096; triazines 1092; Zytron 1096; others 755.
Sherardia arvensis - 704,1584.
Sida acrantha - 1074.
Sida aurantiaca - 1074.
Sida bradei - 1074.
Sida hederacea - 994,1575.
Sida martiana - 1074.
Sida spinosa - 1001,1376.
Sida tuberculata - 1074.
Silene cucubalus - 461,1715.
Silybum marianum - 239,240,461.
Sinapis spp. - 831.
Sinapis alba - 363,597,903,1584.
Sinapis arvensis - biology/ecology 273,1564; competition 817,821,1618; seeds 396,461, 503; atrazine 1584; chlorpropham 1626; 2,4-D 150,808,989,1090M; dinoseb 989,1532; DNOC 989,1532,1534M; inorganics 989,1372, 1388; MCPA 808,989,M1090,M1534; MCPB 808; mecoprop 808; simazine 11; 2,4,5-T 808; 2,3,6-TBA M1090; triazines 570; others M1090,1626,1642.
Sinapis nigra - 1029.
Sinocalamous oldhami - 530.
Sisymbrium altissimum - 579.
Sisymbrium officinale - 240,461.
Sisymbrium orientale - 1069.
Sium latifolium - 120.
Solanum spp. - 1613,1615.
Solanum carolinense - 321,994.
Solanum dulcamara - 120.
Solanum elaeagnifolium - 913,994,1575.
Solanum esuriale - 913.
Solanum nigrum - amiben 546; amitrole M546; atrazine 1584; chlorpropham 253,546; 2,4-D 546; inorganics 1388; MCPA 546; monuron 546M; oils 546; propazine 546; simazine 11, 546M; Solan 579; others 546.
Solanum triflorum - 1090.
Solanum tuberosum (potato) - general 1187; biology/ecology 1564; competition 1620; weed control, cultural 229; chemical 815, 1543,1649; atrazine 25,1092,1584; calcium cyanamide 1645; CDEC 443; 2,4-D 1040M,1648; dalapon M25,229,903,1040M; 2,4-DES M25,444; di-allate 10,920,1092,1627; 2,6-dichlorobenzonitrile 148,1092,1732; dinoseb M24,25M, 443,1019M,M1040; diquat dibromide M24; diuron 1019,1040; DNOC 653; endothal 1092; EPTC 352,1092,1201,1613,1614,1615,1616; fenuron M25; MCPA M24,1648M; MCPB 818; mecoprop 818; MH 229; monuron 1040; neburon 1040; PCP 443; propazine 25; propham M25, 1092; simazine 25,818,830M,1040,1092,1525, 1646; 2,4,5-T M1648; TCA M24,M25,229,315, 903,1019M,1040M,1647; triazines 25,570, 1040,1092; others 755,919,1642,1647.
Solidago spp. (golden rod) - 66.
Solidago canadensis - 1584.
Solidago graminifolia - 494.
Solidago virgaurea - 705,1062.
Sonchus spp. - 249,831,1388,1533.
Sonchus arvensis - general 752,994; biology/ecology 1072; poisoning 994; seeds 1516; weed control 549; cultural 549,733; chemical 549; amitrole 859,1097M; ammonium thiocyanate M1097; atrazine 1584; 2,4-D 989,1097,M1729; dalapon 859; 2,4-DB 1097; dinoseb 989; diquat dibromide 1622; DNOC 989; inorganics M859,989,1729M; MCPA 989, 1097,M1622; MCPB 989,1097,1622M; mecoprop 989; monuron 674,M859; simazine 674; TCA 859; others 1622.
Sonchus asper - 1564.
Sonchus oleraceus - 58,505,1584.
Sonchus uliginosus - 549.
Sorbus aucuparia - 989.

Sorbus aucuparia (crop) - 1687.
Sorghum spp. (crop) - 1001,1456,1611.
Sorghum spp. - 731,994.
Sorghum almum - 342.
Sorghum halepense - general 994; biology/ecology 1219,1413; poisoning 994; seeds 736; weed control 908; cultural 737,907; 2,4-D M85,1682; dalapon 85,537M,646,737,907, 1094,1095,1358,1577; EPTC 907,1094,1358, 1374,1613,1615,1616; fenac 1094; fenoprop 85; inorganics 737,907,1094; oils 907, 1094; TCA M85,M537,907,1094,1682; triazines 570; others 574,577,584,755.
Sorghum sudanense - 1584.
Sorghum vulgare (sorghum,kaffircorn, Guinea corn, milo) - general 12; amiben 1014; atrazine 643,1014,1584,1621; CDAA 1014; 2,4-D 436,1014M,1182,1368; dalapon 1358; diuron 212; endothal 212,581; EPTC 212, 1358; fenac 1014,1091; inorganics 1091; neburon 1014; propazine 1621; simazine 1014M,1368; 2,3,6-TBA 1091; triazines 1014, 1499; others 574,M1014.
Sorghum vulgare sudanense (Sudan grass) - 40, 574,827,1584.
Sparganium spp. - 122,123,582,1704.
Sparganium ramosum - 120,123,1102,1574.
Spergula arvensis - biology/ecology 712,1215; weed control, cultural 446,544; amiben 463; amitrole 1687; atrazine 544; BiPC M831; CDAA 463,544; CDEA 463; CDEC M446,463,544; chlorpropham 446M,463,544; 2,4-D 544,989; 2,4-DB 543,544; dinoseb 56,544,M819,989; diquat dibromide 1622; diuron 544; DNOC 544,989; EPTC 463,544; fenac 463,544; fenuron 544; inorganics 989; MCPA M543, 544M,M819,912,989,M1622,1714; MCPB 543, 544,989,1622M; mecoprop 543,544,989,1714; monuron 544; neburon 544; oils 989; OMU M831; PCP 544; potassium cyanate 989; propham 544; simazine 463,544; Solan 579; 2,3,6-TBA M543,544; triazines 463; others 544,1622,1714.
Spergula sativa (spurry) - 472.
Spergularia segetalis - 1029.
Sphenoclea zeylanica - 437.
Spinacea oleracea (spinach) - general 1545; weed control, chemical 1543; allyl alcohol 63; atrazine 55,1584; BiPC M1664; CDEC 246, 250,1549,1667; chlorpropham 60; diquat dibromide 60; endothal M250,581,1549; inorganics 1546,1547; monuron 1151; OMU 251,M1664; PCP 1546; propazine 55; simazine 55,60; TCA M250; triazines 55; Zytron 1549; others 575,577.
Spiraea spp. (crop) - 1558.
Spiraea tomentosa - 1657.
Spiraea ulmaria - 451.
Spirodela spp. - 582.
Sporobolus capensis - 535,917.
Sporobolus pectinatus - 41.
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Stachys annuus - 570.
Stachys arvensis - 252.
Stachys palustris - 120,1516.
Stachys sylvatica - 1584.
Stachyurus spp. (crop) - 1391.
Stellaria graminea - 989.
Stellaria media - general 1619; biology/ecology 1564; seeds 706,1516; weed control, cultural 79; amitrole 818,M857, 1644,1687; atrazine 74,434,818,M857, 1584; BiPC M251,M831,M857; calcium cyanamide 989; CDEC 443; chlorpropham M16,70,79M,253,677,818,857,1626; 2,4-D 989,1633; 2,4-DB 1666; 2,4-DES 74,79M; dinoseb 56,79,443,818,M819,989,1532; diquat dibromide 818; diuron M16,M857; DNOC 989,1532,1533M,1633,1634; endothal M21; fenac M857; fenoprop 1673; fenuron 79M; inorganics 989,1388; MCPA M819,989, M1533,1644; MCPB 989,1666; mecoprop 818, 989,1181,1533,1673; neburon 857,1673; oils 989; OMU M251,M831,M857; PCP 443; propazine 58; propham M21,677,857; simazine 74,434,818,857,1633; Solan 579; 2,3,6-TBA 1644; triazines 570; Zytron 1050; others 195,577,1585,1626,1642.
Stellaria palustris - 120.
Stenotaphrum secundatum (St. Augustine grass) - 576.
Stizolobium spp. (velvet beans) - 1039,1442.
Strachytarrheta jamakensis - 269.
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Striga spp. - 394,395.
Striga asiatica - biology/ecology 191; seeds 192,289; weed control 347; CDAA 1523; CDEC 1523; chlorpropham 1523; 2,4-D 414,1523,1636; diuron 1523; EPTC 1523; fenac 414,1523; fenoprop 414; methyl bromide 688; monuron 1523; simazine 1523, 1636; 2,3,6-TBA 1523,1636; others 414, 1523,1636.
Striga densiflora - 1537.
Striga hermonthica - 12,111,827,1183.
Sudan grass - see Sorghum vulgare var. sudanense.
Sugar beet - see Beta vulgaris var. vulgaris.
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Symphoricarpus spp. (crop) - 478,1558.
Symphoricarpos occidentalis - 1083.
Symphytum officinale - 451,1584.
Syncarpia glomulifera - 309.
Syringa spp. (lilac) - 472,478,1558.
Tabernaemontana affinis - 242.
Tabernaemontana fuchsiaefolia - 1106.
Tagetes spp. (crop) - 1555.
Tagetes minuta - 505.
Tamarix pentandra - 889,1082.
Tanacetum vulgare - 44,451.
Taraxacum spp. 674,989.
Taraxacum officinale - general 767; biology/ecology 1072; amitrole M33,859,1091; atrazine 1584; 2,4-D M33,451,1091,1715, M1729; dalapon M33,859; 2,4-DB 1657; diuron 1083M; fenoprop 1673,1715;

Taraxacum officinale (contd.) inorganics M1083,1729M; MCPA 451,1540, 1657,1715; mecoprop 1673; monuron M1083; 2,4,5-T 1091; 2,3,6-TBA 1091; TCA 608, 859; others M1083.
Taxus spp. (yew) - 1555.
Thalia geniculata - 437.
Themeda triandra - 689,728.
Thea sinensis (tea) - general 1061; dalapon 689,690,1562; simazine 269.
Theobroma cacao (cocoa) 484,692.
Thlaspi arvense - biology/ecology 1072; seeds 396,1149,1516; amitrole 1687; atrazine 1584; barban 1003; BiPC M831; CDAA 440M; chlorpropham 440; 2,4-D 11, 989,1003,1090M; 2,4-DB 1090M; dinoseb 440M,989,1532; DNOC 989,1532; inorganics 989,1372; MCPA 11,989,1003,1090M; MCPB 989,1090M; mecoprop 989,1003; naptalam 440; oils 989; ONU M831; PCP 1653; potassium cyanate 989; simazine 11; 2,3,6-TBA M1090; others M1090.
Thuja spp. (crop) - 490,1555.
Tilia spp. (crop) - 488,510,1063,1687.
Tradescantia viridis - 614.
Tragopogon dubius - 1072.
Tragopogon major - 1072.
Tragopogon porrifolius (salsify) - 1664.
Trianthema portulacastrum - 918.
Trifolium spp. (clovers) - biology/ecology 241; chlorpropham 1610; di-allate 10; dichlorprop 452M; diquat dibromide 1622; MCPA 452M; MCPB M452; mecoprop 452M; 2,3,6-TBA M452; others 577,1622.
Trifolium spp. - 253,761.
Trifolium hybridum (alsike clover) - amiben 1027; atrazine 1584; 2,4-D 989, 1003,1027; 2,4-DB 1003M,1027; di-allate 1627; MCPA 989,1003M,1027; MCPB 1003, 1027.
Trifolium incarnatum (crimson clover) - 1584.
Trifolium pratense (red clover) - general 843; defoliation/desiccation 1385; amiben 1027; barban 3; calcium cyanamide 989; 2,4-D 237,989,1003,1027; dalapon M1027,1198; 2,4-DB 237,1003M,1027M,1198; di-allate 3,1627; dinoseb 989,1385,1532; diquat dibromide 1385; DNOC 989,1385, 1532,1533M; endothal 1385; EPTC 1027; inorganics 989,1385; MCPA 31,237,989, 1003M,1027,M1533; MCPB 237,989,1003, 1027; oils 989; PCP 1385; TCA 1198; others 919,1385,1781.
Trifolium procumbens - 1532,1533.
Trifolium repens (white clover) - defoliation/desiccation 1385; weed control 655; amitrole 592M; barban 3; 2,4-D 237,989,1003; dalapon 592M,656; 2,4-DB 237,1003M; di-allate 3; dinoseb 1385; diquat dibromide 1385; DNOC 1385; fenoprop 592M; inorganics 1385; MCPA 31,237,989,1003M; MCPB 237,1003; mecoprop 989; PCP 1385; 2,4,5-T 989; Zytron 1050; others 1385.
Trifolium repens - seeds 706; weed control, cultural 79; atrazine 1584; chlorpropham 79M; 2,4-DES 79M; dinoseb 56,79; fenoprop 1673; fenuron 79M; mecoprop 1673.
Trifolium subterraneum (subterranean clover) - general 346; competition 744; 2,4-D 214, 333; dalapon 658,659; 2,4-DB 333; MCPA 214, 333; MCPB 333; TCA 658,659.
Trisetum spicatum - 1567.
Tristania conferta - 306,309.
Tristania laurina - 309.
Tristania suaveolens - 306,309.
Triticum spp. (wheat) - general 1005,1212; biology/ecology 273,1417,1564; competition 430,499,817,821,1620; seeds 1069; weed control 1519; amitrole 541,592M,1097; atrazine 830,1092,1125,1584,1623; barban 3,4,5,6,7,8,433,531,760,901M,999,1003M, 1092,1096,1625; calcium cyanamide 533,989, 1610; CDAA 531; chlorpropham 1144; 2,4-D 214,216,334,335,822,M901,989,1003,1090, 1096,1097,1144,1182; dalapon 533,592M,M1090, 1094; 2,4-DB 1003,1090,1097,1622; di-allate 3,9,10,433,531,999,1003,1092,1627; 2,6-dichlorobenzonitrile 1003,1092; dinoseb 989; DNOC 989; endothal 1092; EPTC 531,1003,1090, 1092; fenac 1003,1096; fenoprop 592M,M1090, 1622; inorganics 334,989; MCPA 214,334,M541, 901,989,M1003,1090,1097,1359,1622; MCPB 901, 989,1003,1090,1097,1622; mecoprop 541,989, 1003,1181,1622,1628; oils 989; potassium cyanate 989; propham 1092; simazine 531, 830,1090,1092,1125,1525,1610,1623; 2,3,6-TBA M541,M1003,1090,1096,1097,1622; TCA 533; triazines 1092,1625; Zytron 1092; others 531,573,574,577,584,755,1144.
Tsuga spp. (hemlock) - 88,490.
Tulipa sp. (tulip) - weed control, chemical 1394; allyl alcohol 1604; arsenicals 69M, 1048; chlorpropham M16,69M,1048; 2,4-D 1048; 2,6-dichlorobenzonitrile 1456; dinoseb 1048; diquat dibromide 69; diuron M16,M69; DNOC 1048; fenuron 169; inorganics 1048; MCPA 1048; monuron 1048; oils 1048; PCP 69,1048; simazine 69; TCA 1048.
Tulipa breyniana - 554.
Tussilago farfara - general 102; biology/ecology 740; competition 740; weed control, cultural 740; amitrole 541,859; ammonium thiocyanate M1719; atrazine 1584,1719M; 2,4-D 989; dalapon 859; dinoseb 989; DNOC 989; fenac M1719; inorganics M859,989, M1719; MCPA M541,989; mecoprop 541,1628; monuron M859; 2,3,6-TBA M541; TCA 859.
Typha spp. - weed control, biological 297; amitrole 297M,298,316M,890,M1425; ammonium thiocyanate M316; 2,4-D M297,890; dalapon 297M,298,890,M1425,M1574,M1703; fenoprop 1703M,1704; fenuron 1703; monuron 890; TCA 1703; others M1574.
Typha angustifolia - 120.
Typha latifolia - 120,123,1102.

Ulex spp. - 1725.
Ulex europaeus - 106,600,866.

Ulmus spp. (crop) - 510.
Urera spp. - 692.
Ursinia nana - 912.
Urtica spp. - 767,1677.
Urtica dioica - biology/ecology 722; weed control 318; atrazine 1584; 2,4-D M117, 451,818M; 2,4-DB 240,818; MCPA M117,451, 818M; MCPB 818; mecoprop 818; 2,4,5-T M117,451,818M,1604; 2,3,6-TBA M818.
Urtica urens - biology/ecology 1564; weed control 318; atrazine 1584; BiPC M251, M831; inorganics 1388; OMU M251,M831; simazine 11; Solan 579.
Utricularia spp. - 124,1704.

Vaccinium myrtillus - 2,4-D 989M,1032M,1062, 1406M; dalapon 39; inorganics 1062; MCPA 989,1406; 2,4,5-T 989M,M1032,1062,M1406; TCA 1062.
Vaccinium oxycoccus (cranberry) - 262,263,471.
Vaccinium uliginosum - 989.
Vaccinium vitis-idaea - 1062.
Valeriana officinalis (valerian) - 65.
Valerianella locusta var. olitoria (corn salad) - 1664.
Vallisneria americana - 1704.
Veratrum album - 735.
Verbascum spp. (crop) - 1391.
Verbascum spp. - 1584.
Verbascum blattaria - 207.
Verbascum thapsus - 706.
Verbena spp. (crop) - 1555.
Vernonia anthelmintica - 1568.
Veronica spp. (crop) - 1391,1555.
Veronica spp. - general 1619; BiPC M831; chlorpropham M16,1626; diquat dibromide 571; diuron M16; DNOC 1633,1634; mecoprop 1181; OMU M831; others 1626.
Veronica agrestis - 11,570,1584.
Veronica catenata - 120.
Veronica chamaedrys - 989.
Veronica filiformis - 734,1101,1392.
Veronica hederifolia - 79,1533,1584.
Veronica peregrina - 1072.
Veronica persica - 79,1564.
Veronica repens - 1392.
Viburnum spp. (viburnum) - 1391,1555.
Vicia spp. - 831,1619,1729.
Vicia hirsuta - 434,817,1584.
Vicia faba (broad or field beans) - general 724; atrazine 55; barban 4; chlorpropham M16; di-allate 3; dinoseb 248; diuron M16; propazine 55; simazine 13,14,55,830; triazines 55.
Vicia sativa (vetch) - 1442,1584.
Vicia sativa - 1584.
Vicia tricolor - 1584,1687.
Vicia villosa (crop) - 1442.
Vicoa indica - 1537.
Vigna sinensis (cow pea) - 1442.
Viminaria spp. - 309.
Vinca spp. (crop) - 1555.
Vinca spp. - 1555.
Viola spp. (violet) - 66,105,1203.
Viola arvensis - 989.
Viola tricolor - 831,989.
Viscum album - 1226,1432.
Viscum capitellatum - 108.
Vitis spp. (crop) - 1584,1680.
Vitis vinifera (grape) - weed control 1056; amitrole 679M,1055M,1209M,1400; ammonium thiocyanate M1055; atrazine 57,M1055, 1400; chlorpropham 1209; 2,4-D 171,1400; dalapon 679,1055; dinoseb 1056; diquat dibromide 571; diuron 265,482,679M,1054, M1209,1400; DNOC 679M; EPTC 246; monuron 265,679,1056,1400; oils 265; PCP 265; propazine 57; simazine 57,264,363,482, 679M,1055,1209,1400; others 265.
Vitis vinifera - 1057.

Watsonia bulbillifera - 199.
Wolffia spp. - 582.
Wyethia amplexicaulis - 1197.

Xanthium pungens - weed control, biological 311,344,866,900; 2,4-DB 231; MCPB 231.
Xanthium spinosum - 265,579,866,911.
Xanthosoma helliborifolium - 686.

Yucca spp. - 1239.

Zannichellia spp. - 582.
Zea mays (sweet corn) - weed control, chemical 54,1668; atrazine 1666; CDAA 1667; CDEC 246; 2,4-D 1666; 2,6-dichlorobenzonitrile 148; dinoseb 1666; EPTC 246; fenac 1666; simazine 587,1666.
Zea mays (maize) - general 1011; biology/ecology 394,395,1601; competition 435, 496,497,641,825,867,1369; weed control, 414,634,826,1631,1632; cultural 639,640, 642,907,1008; chemical 815,1006,1180, 1367,1611; amiben 1096; amitrole 1008M, 1096; ammonium thiocyanate M1008; atrazine 57,58,174,218,425,434,640M, 642,643,645,M824,1008,1096,1178,1179, 1254,1315,1360,1526,1584,1621,1630,1635, 1651; CDAA 361,642,645,M1008,1096,M1254, 1523,1630,M1651,1667; CDEC 361,1523; chlorpropham 439,1144,1362,1523; 2,4-D 11,174,217,434,439,642,645,653,824,961,

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1523,1524,1525,1633,1634,1636; dalapon
34,907,M1008,1096,1358; 2,4-DEP 1008;
2,4-DES 1362; di-allate 3,1092,1627;
2,6-dichlorobenzonitrile 1092,1456;
dinoseb 1008M,1368; diuron 212,1008,
1093,1368,1523; DNOC 217,1525,1633,1634;
endothal 212,1092; EPTC 212,642,747,907,
1008,1092,1094,1096,1358,1523; fenac
1008,1096,1523; inorganics 907; MCPA 11,
434,653,1360,1524,1525,1634; MH 977;
monuron 1362,1523; neburon 34,1008,1362;
PCP 1525; propazine 57,58,1621; propham
1092; simazine 11,57,58,174,218,425,434,
439M,640M,642,645,M824,937,1008,1009,
1096,1179,1254,1315,1316,1360,1361,1368,
1523,1526,1630,1633,1634,1635,1636,1651;
2,4,5-T M1012,M1013; 2,3,6-TBA M1008,
1523,1636; TCA 608,907; triazines 425,
439M,1316; Zytron 1096; others 439,573,
575,577,584,907,919,1008,1144,M1254,
1523,1630,1636,M1651,1781.
Zinnia spp. (zinnia) - 1555.
Zizania latifolia - 199.
Zoysia spp. (zoysia) - 479,576.

SUBJECT INDEX

In this part of the index, subjects are indexed under concepts rather than words and compounds are, in general, under the name of the parent compound.

In general, the Subject Index is not intended to duplicate the Table of Contents or the Species Index. For example, the reader should not look under Grassland in the Subject Index if he wants every reference to (say) ryegrass or to grassland. In the first case he should look under Lolium in the Species Index, and, in the second, under Herbage Crops in the Table of Contents.

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730,798,846,897,898,989,1032,1057,
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545,546,548,550,551,554,555,593,
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Field (root) 174,226,227,443,1644.
Field (other) 15,246,1667,1668.
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Field (other) 15,27,212,246,372,531, 686,747,833,834,1017,1020,1092,1358, 1374,1559,1613,1614,1615,1616,1668.
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    Fruit 91,204,483,1052.
    Herbage 1050.
    Horticultural 978.
  Diseases and pests 49,724,930.
  Mixtures
    + dalapon 483.
  Oxidative phosphorylation 617.
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  Residues 1121.
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  Structure and activity 957.
  Translocation 978.
  Weeds 19,27,229,483,1050,1091,1444.
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NAA - see Acetic acid, naphthyl-.
Naphtha 465,467,672.
Naphthalenes 618,957,1255.
Napththene 611,1162.
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    Fruit 1676.
    Herbage 148.
    Horticultural 148,1040,1668.
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  Solubility 1455,1456.
  Toxicity 148,1455.
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Forest 90,251,487,489,492,864,1140,1405,1406, 1558,1664,1687.
Fruit 1679.
Ornamental 1054,1604,1679.

Oils 1731.
Crops: Field 233,449,648,836,989,1094,1652.
Forest 489,490,491,492,1405,1558.
Fruit 265,481,818,859,1052,1056,1676.
Horticultural 467,546,665,848,849,850, 1040,1041,1042,1546,1604.
Ornamental 68,667,1558.
Defoliant 865.
Environment 1603.
Mixtures
+ chlorpropham 1040.
+ creosote 265.
+ dinoseb 859,1056,1116.
+ hexachloroacetone 907.
+ hexachlorocyclopentadiene 907.
+ PCP 145,267,449,1079.
+ simazine 491.
+ TCA 145.
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Dalapon 33,36,39,40,41,42,236,656,657,839, 841,1541,1661.
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Pests 49,418,724,752,883,884,930,941,1004, 1415.
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Phenol, 2-s-butyl-4,6-dinitro- (dinoseb)
Adsorption on clay minerals 935.
Compatability 1521.
Crops: Field (cereal) 439,819,989,1004, 1008,1016,1368,1604,1666.
Field (root) 24,25,443,989,1019,1040, 1649.
Field (other) 15,17,18,19,27,230,233, 439,440,449,645,648,835,989,1017,1018, 1371,1532,1650,1652.
Fruit 76,79,261,481,818,859,1056,1058, 1676,1680.
Herbage 49,1028,1385.
Horticultural 56,60,247,248,425,462,465, 1040,1549,1666,1670.
Ornamental 257,475,667,1048.
Formulation 921.
Mixtures
+ amitrole 132.
+ CDAA 440,645,1652,1666.
+ CDEC 1666.
+ chlorpropham 465.
+ dalapon 19,25,1008,1028,1040,1649.
+ MCPA 819,1103,1352.
+ oil 859,1056.
+ TCA 24,25,76,1019,1040.
+ Zytron 1666.
MP 921.
Soil 257,1453.
Solubility 921.
Tainting 1115,1116.
Toxicity 596,1004,1274,1589.
Volatility 921.
Weeds: Aquatic 1079.
Other 19,24,27,56,79,132,439,440,443, 544,664,818,819,859,989,1019,1028, 1103,1371,1532,1649,1714.
Wetters 1459.
Phenol, 2-methyl-4,6-dinitro- (DNOC)
Adsorption on clay minerals 935.
Compatability 1521.
Crops: Field (cereal) 215,217,819,989, 1004,1525,1604,1633,1634.
Field (root) 653,989.
Field (other) 230,835,989,1025,1532, 1533,1534,1604.
Forest 1558.
Fruit 679,1052.
Herbage 2,1385,1620.
Horticultural 462.
Ornamental 473,667,1048,1554,1558.
Economics 1620.
Lists susceptibility 1558.
Mixtures
+ chlorpropham 473,1554.
+ 2,4-D 1025.
+ DCU 1025.
+ diuron 679.
+ MCPA 819,1025,1532,1533,1534,1604.
Soil 357,1453.

Phenol, 2-methyl-4,6-dinitro- (DNOC) contd.
Toxicity 596,1004.
Weeds 2,341,544,819,989,1029,1532,1533, 1534,1558,1633,1634.
Wetters 1743.
Phenol, pentachloro- (PCP)
Crops: Field 443,449,1017,1018,1254,1371, 1525,1559,1644,1650,1653.
Forest 89,489,1067,1558.
Fruit 265,267,818,1053.
Horticultural 23,60,472,1546,1550,1604.
Ornamental 67,68,69,472,1045,1048,1554, 1558.
Defoliant 865.
Enzymes 1601.
Mixtures
+ amitrole 132,1099,1559.
+ ammonium thiocyanate 1099.
+ atrazine 818.
+ chlorpropham 60,1546,1550,1554.
+ monuron 1550.
+ oil 145,267,449,1079.
+ simazine 818.
Soils 936,1129,1453.
Structure and activity 936.
Tainting 1116.
Toxicity 596,1274.
Weeds 132,145,265,341,443,544,1053,1067, 1254,1395,1558,1653.
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Crops: Field 930,1001,1017,1092,1096, 1668.
Herbage 1050.
Horticultural 1040,1202,1666,1668.
Ornamental 71,477,479,671,673,856, 1047,1556,1557,1673.
Diseases and pests 930.
Formulation 1557.
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Weeds 71,477,479,671,673,856,1050,1092, 1096,1202,1556,1557,1673.
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Crops: Field 440,645,648,1017,1018,1189, 1254,1312,1358,1370,1650,1651,1652,1720.
Forest 487.
Herbage 1001.
Horticultural 62,254.
Formulation 1017.
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+ chlorpropham 648,1017,1370,1752.
MP 921.
Oxidative phosphorylation 617.
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Solubility 921.
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Other 440,1189,1254,1358,1370,1720.
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Fruit 1555.
Herbage 1050,1555.
Horticultural 1040,1202,1555,1668.
Ornamental 71,477,479,671,856,1349, 1555,1556,1557.
Formulation 1555,1557.
Patent 1157.
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Synthesis 1157.
Weeds 71,477,479,671,856,1050,1202,1349, 1555,1556,1557.
Phthalic acid, 3,6-endoxohexahydro- (endothal) 1731.
Crops: Field (cereal) 212,581,1092,1638, 1668.
Field (root) 20,21,174,176,212,225,226, 227,441,581,652,832,1001,1178,1373, 1640,1643,1644.
Field (other) 27,212,406,581,1668.
Herbage 49.
Horticultural 174,250,581,1040,1549, 1604,1666,1668.
Defoliant 865,1208,1638.
Diseases and pests 49.
Lists susceptibility 672.
Mixtures
+ dalapon 1644.
+ endothal 1549.
+ EPTC 1644.
+ propham 20,21,174,176,441.
+ TCA 250,1178,1644.
Soil 933.
Solubility 581.
Stability 582.
Structure and activity 957.
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Weeds: Aquatic 515,582,583.
Other 225,250,832,1001,1092,1549.
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Crops: Field 761,941,1020.
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+ dichloropropene 939,941,1007,1057.
+ propene 761.
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Weeds: Woody 1057.
Other 761,1020,1107.
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Horticultural 421.
Mixtures
+ allyl alcohol 761.
+ dichloropropane 939,941,1020,1057,1107.
+ Propane 761.
Penetration 421.
Soil 939.
Toxicity 596.
Weeds: Woody 1057.
Other 421,761,1020,1107.
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Propionanilide, 3,4-dichloro- 1731.
Crops: Field (cereal) 909,1184,1585,1621.
Field (root) 1649.
Fruit 1656,1676.
Ornamental 1585.
Mixtures
+ Amiben 909.
+ chlorpropham 909.
Toxicity 1585.
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Crops: Forest 470,487,494,694,1062,1407, 1424,1522.
Fruit 73,75,79,134,267,470,471,481,483, 679,680,818,859,1051,1055,1396,1397, 1676,1677,1678.
Herbage 33,34,36,37,38,39,40,41,49,143,163, 240,338,447,458,459,460,656,657,658,659, 689,839,841,845,1034,1038,1198,1539,1541, 1659,1661.
Horticultural 250,252,447,689,903,1040, 1546,1550.
Ornamental 1068,1391,1553.
Economics 1562.
Environment 185.
Enzymes 1299,1492.
Formulation 1594.
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Mixtures
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+ cacodylic acid 40.
+ 2,4-D 33,119,297,686,1098,1100,1622, 1649,1661,1678.
+ 2,4-DB 458,460,1027,1198.
Propionic acid, 2,2-dichloro- (dalapon)
Mixtures contd.
+ 2,4-DES 470.
+ dinoseb 19,1028,1040,1649.
+ diquat 130.
+ diuron 680.
+ fenoprop 592,1090.
+ fenuron 1391.
+ MCPA 119,1040.
+ MCPB 25.
+ monuron 1100.
+ paraquat 130.
+ TCA 86,459,537.
MP 921.
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Penetration 586,969,1492,1493.
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Tainting 1115,1116.
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Translocation 185,586,968,969,1494.
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Weeds: Aquatic 117,119,120,297,298,513, 726,890,1102,1275,1573,1574,1703.
Woody 143,530,1083,1424,1440.
Other 19,33,34,36,37,38,39,40,41,73,79, 117,119,129,130,131,133,134,135,138, 139,140,143,169,229,238,240,320,327, 338,442,458,459,460,470,471,480,483, 494,533,534,535,537,538,539,593,599, 646,656,657,659,664,680,689,690,737, 743,747,832,839,845,859,861,903,907, 917,968,1001,1028,1034,1038,1051,1055, 1062,1068,1090,1093,1094,1095,1096, 1098,1100,1193,1194,1198,1254,1255, 1260,1358,1381,1396,1397,1412,1522, 1546,1550,1553,1559,1560,1561,1562,1563, 1604,1622,1649,1677,1678,1681,1705,1734.
Wetters 169,369,599,1459,1594.
Propionic acid, 4-chloro-2-methylphenoxy-(mecoprop) 1730.
Analysis 926.
Anatomy and morphology 798.
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Crops: Field (cereal) 438,541,1181,1622, 1628,1657.
Field (other) 1532,1533,1534,1652.
Fruit 1393.
Herbage 452,1657.
Horticultural 1302.
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+ dichlorprop 452.
+ MCPA 452.
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Structure and activity 936.
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Other 327,438,452,541,543,544,808,818, 912,989,1003,1020,1029,1097,1103,1181, 1393,1533,1622,1627,1673,1714,1715.

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Forest 1424.
Fruit 1676.
Herbage 143,451,592.
Ornamental 672,856,1553,1673.
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Weeds: Aquatic 514,889,992,1703,1704.
Woody 143,307,517,729,1083,1239,1424, 1428.
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+ dalapon 1574.
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Weeds: Aquatic 1574.
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Woody 305,310,526,731,732,1057,1256,1424, 1427,1729.
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Crops: Field 25,444,566,1362.
Forest 487.
Fruit 74,76,77,79,261,470,566,1404,1675, 1678.
Horticultural 59,566,1389.
Ornamental 68,257,474,566,668,1047,1391.
Diseases and pests 724.
Environment 566.
Lists susceptibility 1391.
Mixtures
+ chlorpropham 139,1047.
+ 2,4-D 668.
+ dalapon 470.
+ diuron 1047.
+ fenuron 25,76,79,1391.
+ monuron 470.
+ propham 25,76,77.
+ simazine 470.
MP 566.
Soil 566.
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Sulphate, 2,4-dichlorophenoxyethyl- (2,4-DES) contd.
Stability 566.
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Toxicity 566, 1589.
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Weeds 59,74,79,444,470,1252,1389,1678.
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Crops: Field (cereal) 174,218,434,439,531,533, 569,640,642,645,777,824,937,1003,1008,1009, 1014,1092,1096,1125,1179,1254,1315,1360, 1526,1610,1622,1623,1630,1631,1632,1633, 1634,1635,1636,1651,1720.
Field (root) 830,1040,1525,1610,1644,1646, 1649.
Field (other) 87,425,531,686,687,777,830, 834,861,1020,1125,1525,1559,1666.

Triazine, 2-chloro-4,6-bis(ethylamino) 1,3,5- (simazine) contd.
Crops contd.
Forest 487,489,490,491,494,1062,1405, 1407,1424,1522,1558.
Fruit 78,261,263,264,267,363,470,481, 482,674,679,818,857,858,859,860, 1053,1055,1209,1396,1397,1398,1400, 1404,1552,1666.
Herbage 531,830,1001,1003.
Horticultural 425,463,937,1040,1202, 1546,1550,1666.
Ornamental 257,363,470,667,1046,1049, 1203,1558,1672.
Plantation 269,425,863,1579.
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Lists susceptibility 1558.
Mixtures
+ amitrole 679,859,860,1397,1676,1706, 1734.
+ atrazine 640.
+ chlorpropham 473,1666.
+ 2,4-D 286.
+ dalapon 1649,1734.
+ 2,4-DES 470.
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List of common names and abbreviations used for herbicides in Weed Abstracts

An asterisk (*) signifies approval by the British Standards Institution (BSI).
A plus sign (+) signifies approval by the Weed Society of America (WSA).
Where the name approved by the WSA differs from that approved by the BSI, the WSA name is given in brackets after the chemical name.

amiben +	3-amino-2,5-dichlorobenzoic acid
ametryne *	2-methylmercapto-4-ethylamino-6-isopropylamino-1,3,5-triazine
amitrole +	3-amino-1,2,4-triazole
AMS +	ammonium sulphamate
atraton	2-methoxy-4-ethylamino-6-isopropylamino-1,3,5-triazine
atrazine *+	2-chloro-4-isopropylamino-6-ethylamino-1,3,5-triazine
barban *+	4-chloro-2-butynyl-N-(3-chlorophenyl)carbamate
BiPC	butinol-N-(3-chlorophenyl)carbamate
CDAA +	2-chloro-NN-diallylacetamide
CDEA +	2-chloro-NN-diethylacetamide
CDEC +	2-chloroallyl-NN-diethyldithiocarbamate
chlorpropham *	isopropyl-N-(3-chlorophenyl)carbamate (CIPC)
4-CPA *+	4-chlorophenoxyacetic acid
2,4-D *+	2,4-dichlorophenoxyacetic acid
dalapon *+	2,2-dichloropropionic acid
2,4-DB	4-(2,4-dichlorophenoxy)butyric acid (4-(2,4-DB))
DCU +	dichloralurea
2,4-DEB +	2,4-dichlorophenoxyethyl benzoate
2,4-DEP +	tris-(2,4-dichlorophenoxyethyl)phosphite
2,4-DES *	2,4-dichlorophenoxyethyl hydrogen sulphate (sesone)
di-allate *	2,3-dichloroallyl diisopropylthiolcarbamate
dichlone *+	2,3-dichloro-1,4-naphthoquinone
dichlorprop *	2-(2,4-dichlorophenoxy)propionic acid (2-(2,4-DP))
dinosam *	2-s-amyl-4,6-dinitrophenol (DNAP)
dinoseb *	2-s-butyl-4,6-dinitrophenol (DNBP)
diquat *+	1,1'-ethylene-2,2'-bipyridylium-2A
diuron *+	N-(3,4-dichlorophenyl)-N'N'-dimethylurea
DMTT +	3,5-dimethyltetrahydro-1,3,5,2H-thiadiazine-2-thione
DNOC	2-methyl-4,6-dinitrophenol or 3,5-dinitro-o-cresol (DNC)
endothal *+	3,6-endoxohexahydrophthalic acid
EPTC +	ethyl-NN-dipropylthiolcarbamate
erbon	2-(2,4,5-trichlorophenoxy)ethyl-2'2'-dichloropropionate
fenac +	2,3,6-trichlorophenylacetic acid
fenoprop *	2-(2,4,5-trichlorophenoxy)propionic acid (silvex)
fenuron *+	N-phenyl-N'N'-dimethylurea
ipazine *+	2-chloro-4-diethylamino-6-isopropylamino-1,3,5-triazine
MCPA *+	4-chloro-2-methylphenoxyacetic acid
MCPB *	4-(4-chloro-2-methylphenoxy)butyric acid (4-(MCPB))
mecoprop *	dl 2-(4-chloro-2-methylphenoxy)propionic acid (2-(MCPP))
MH +	maleic hydrazide
monuron *+	N-(4-chlorophenyl)-N'N'-dimethylurea
neburon +	N-(3,4-dichlorophenyl)-N'-butyl-N'methylurea
naptalam *	N-1-naphthylphthalamic acid (NPA)
OMU	N-cyclooctyl-N'N'-dimethylurea
paraquat *	1,1'-dimethyl-4,4'-bipyridylium-2A
PCP +	pentachlorophenol
prometryne *	2-methylmercapto-4,6-bis(isopropylamino)-1,3,5-triazine
prometon *	2-methoxy-4,6-bis(isopropylamino)-1,3,5-triazine
propazine *+	2-chloro-4,6-bis(isopropylamino)-1,3,5-triazine
propham *	isopropyl-N-phenylcarbamate (IPC)
simeton *	2-methoxy-4,6-bis(ethylamino)-1,3,5-triazine
simazine *+	2-chloro-4,6-bis(ethylamino)-1,3,5-triazine
simetryne *	2-methylmercapto-4,6-bis(ethylamino)-1,3,5-triazine
SMDC +	sodium methyl dithiocarbamate
2,4,5-T *+	2,4,5-trichlorophenoxyacetic acid
2,4,5-TB	4-(2,4,5-trichlorophenoxy)butyric acid (4-(2,4,5-TB))
2,3,6-TBA +	2,3,6-trichlorobenzoic acid
TCA +	trichloroacetic acid
2,4,5-TES +	sodium 2,4,5-trichlorophenoxyethyl sulphate
trietazine *+	2-chloro-4-diethylamino-6-ethylamino-1,3,5-triazine

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